

FIG.1

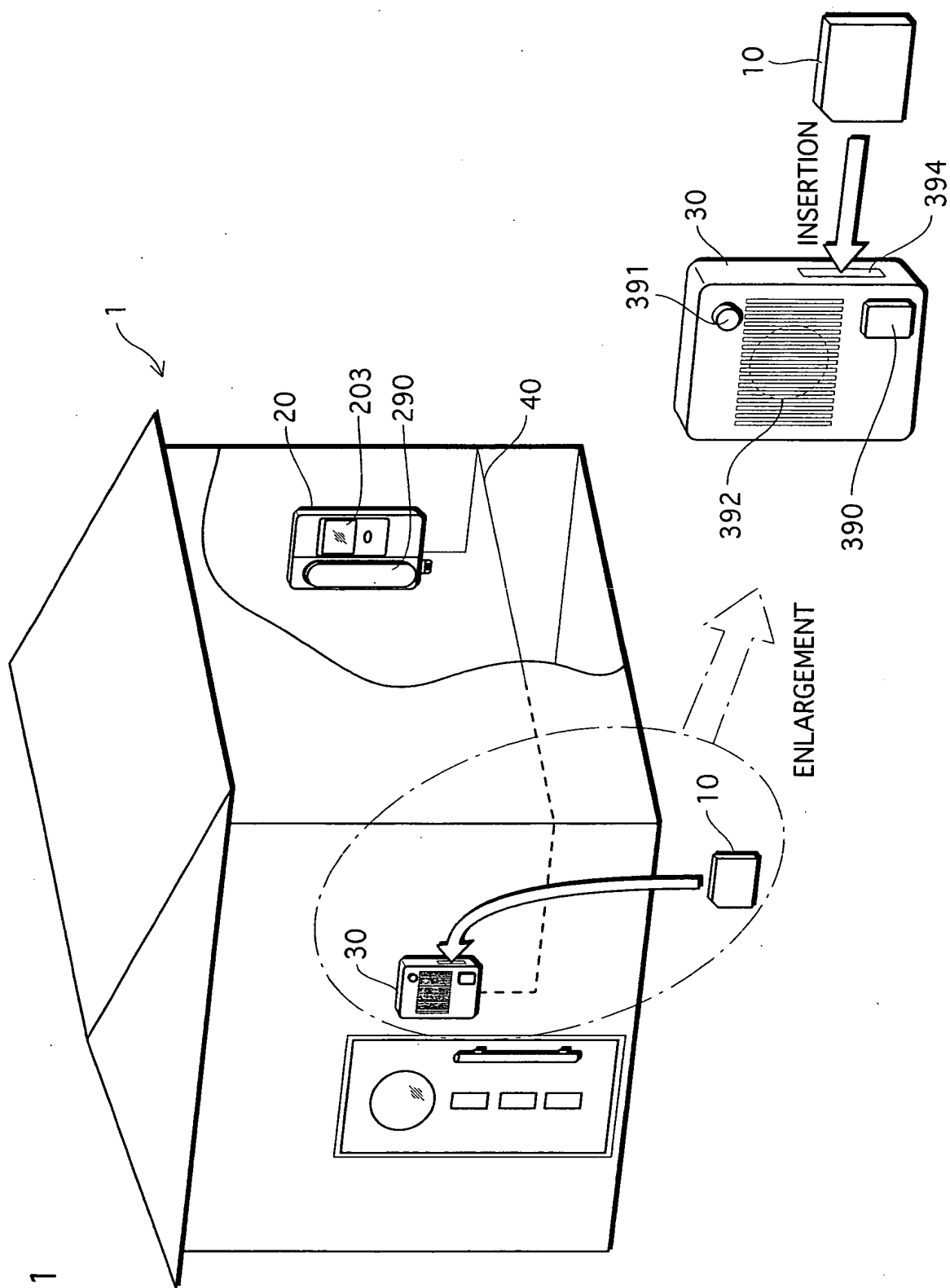


FIG.2

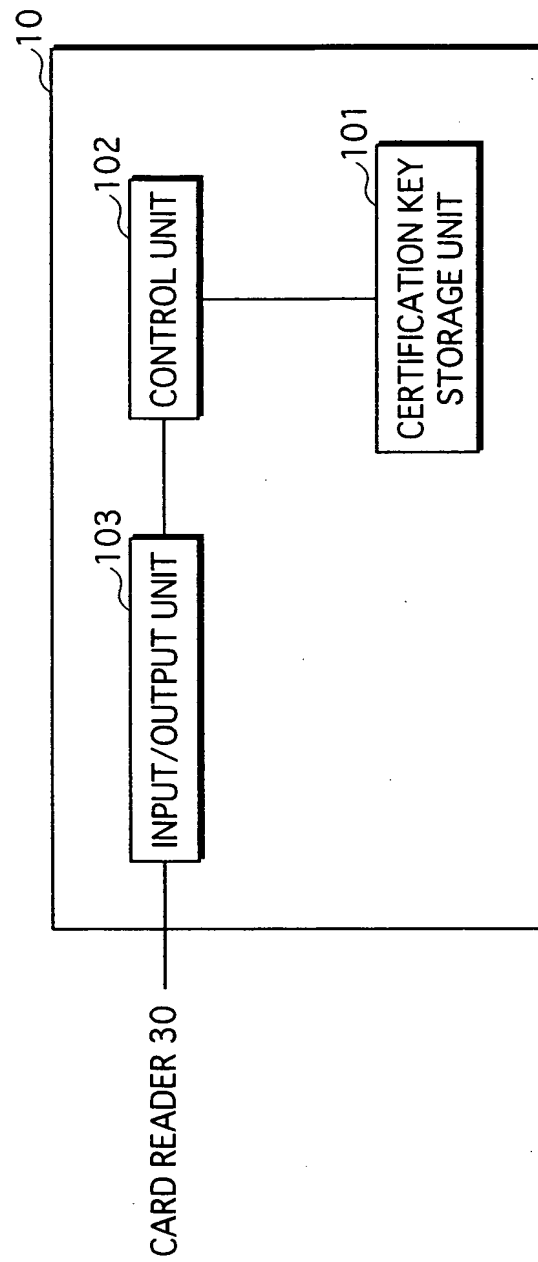


FIG.3

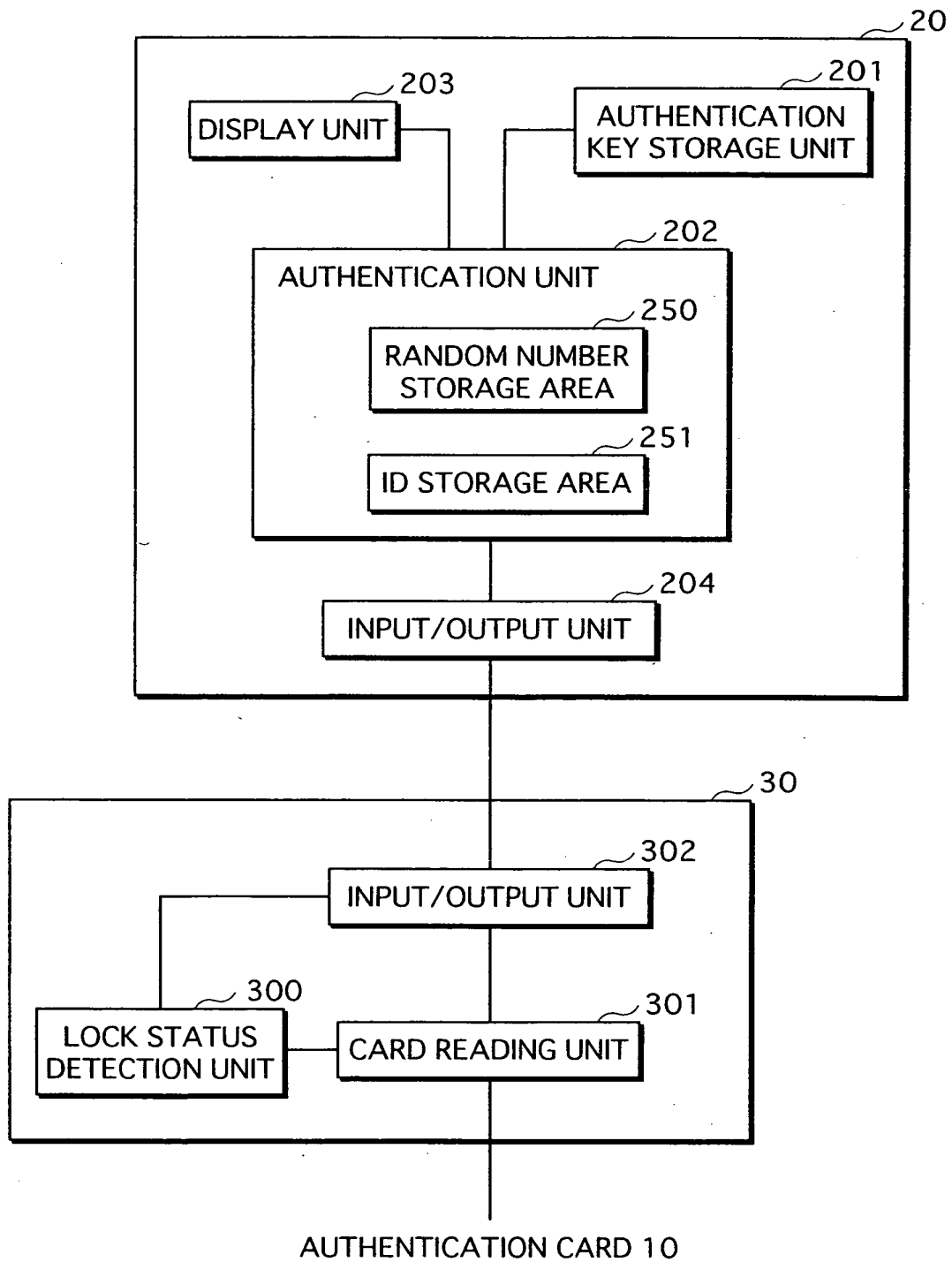


FIG.4

T100
↙

AUTHENTICATION KEY ID	IDENTITY AUTHENTICATION KEY
ID 1	SK 1
ID 2	SK 2
ID 3	SK 3
⋮	⋮

FIG.5

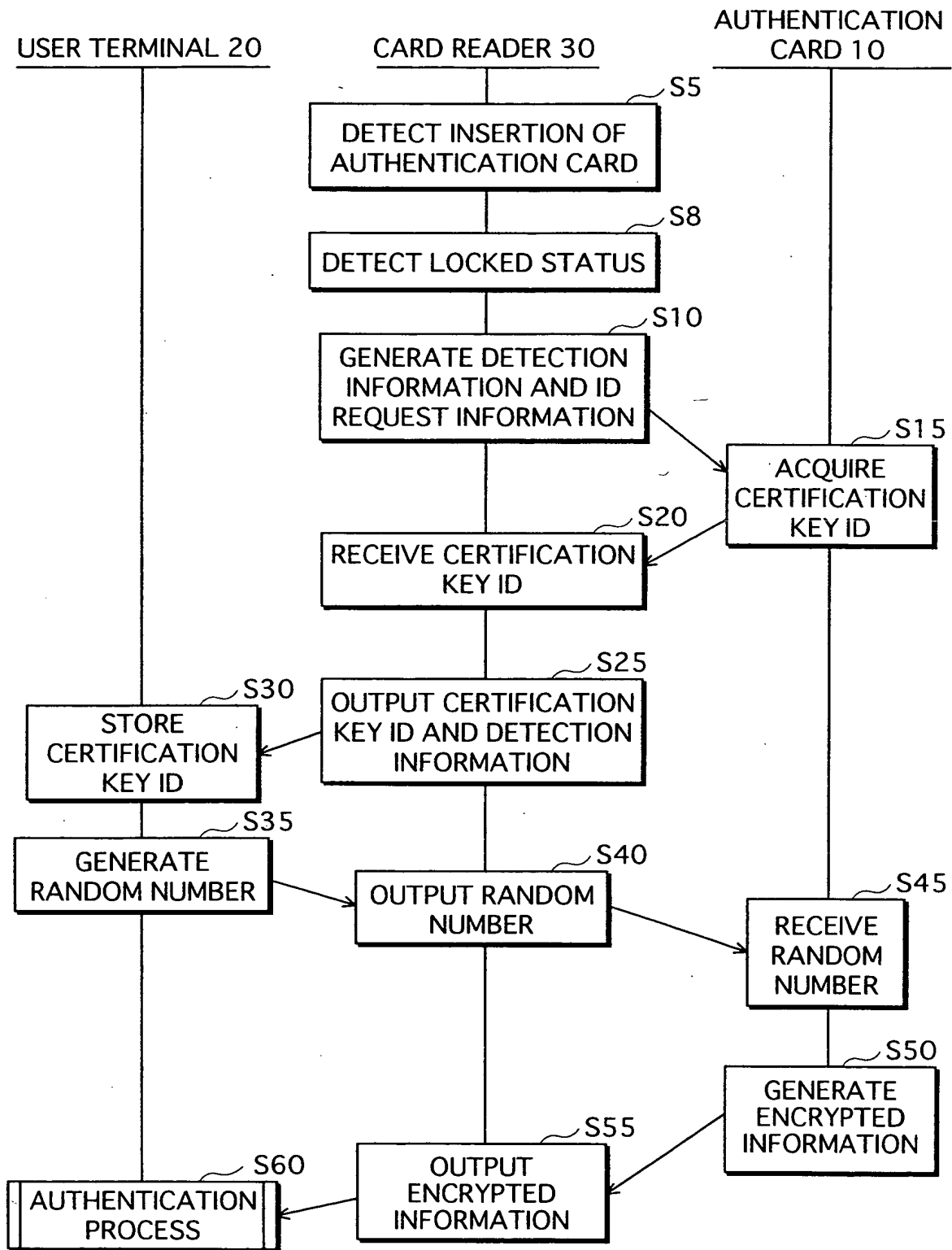


FIG.6

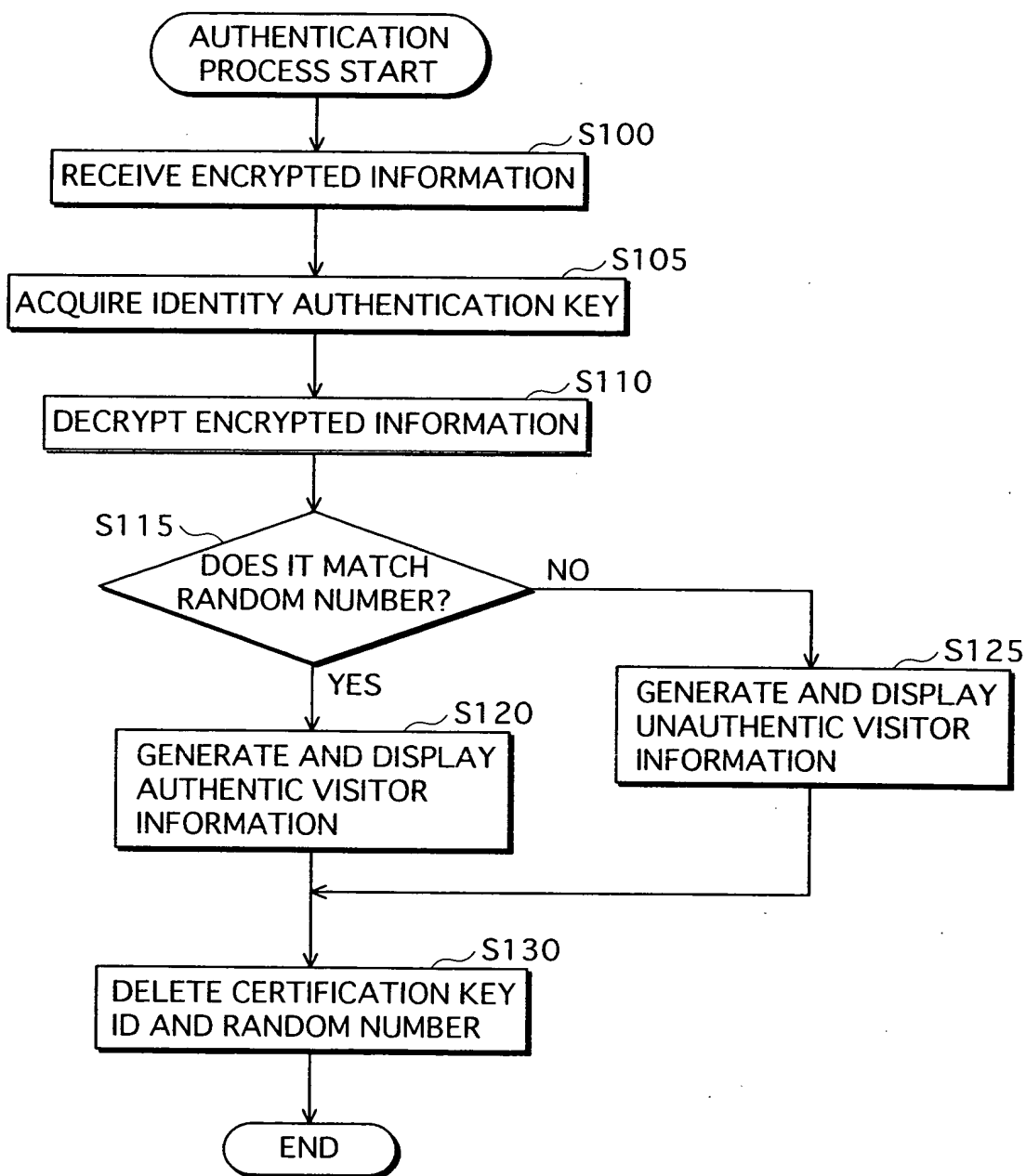


FIG. 7

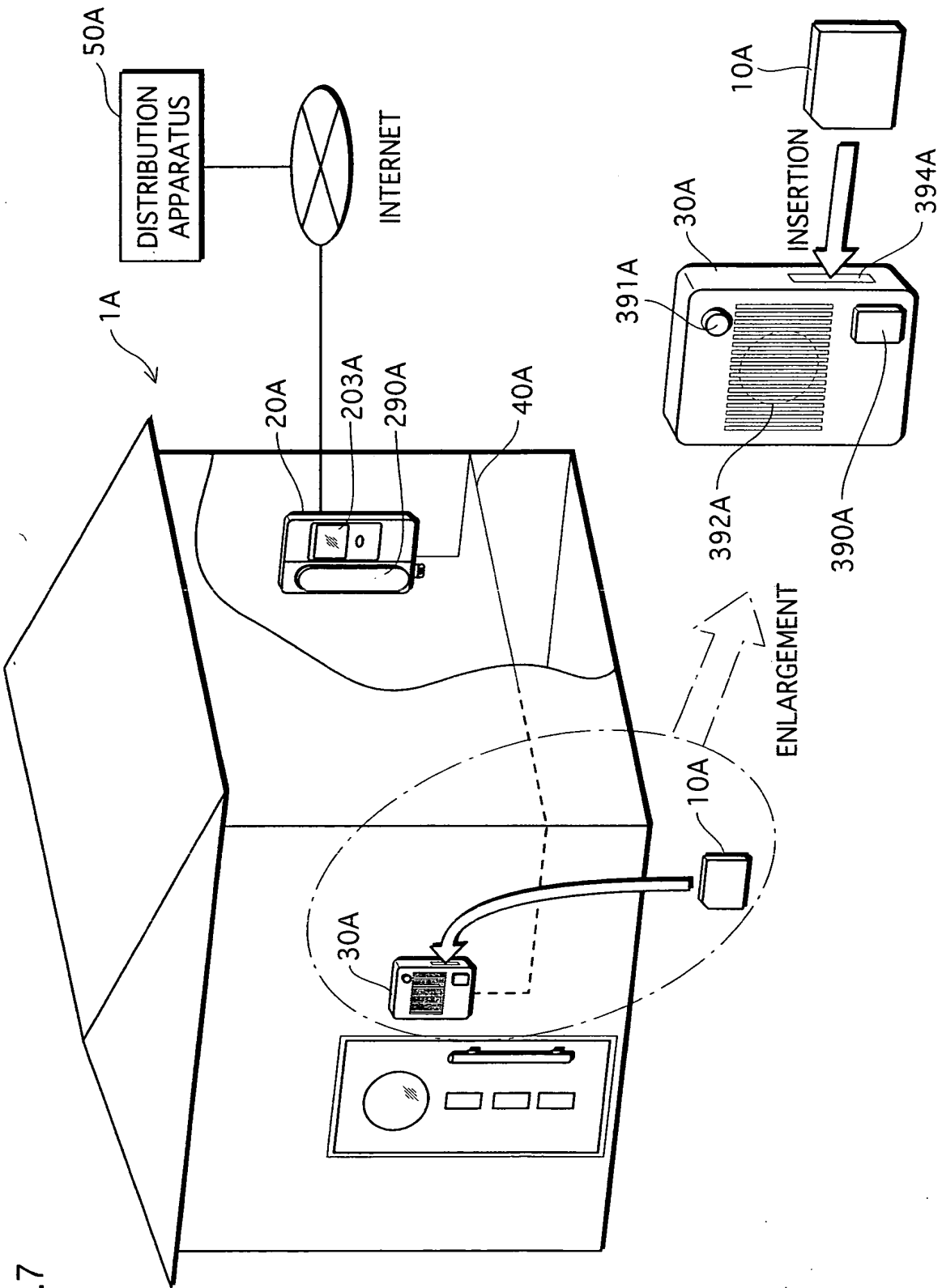


FIG.8

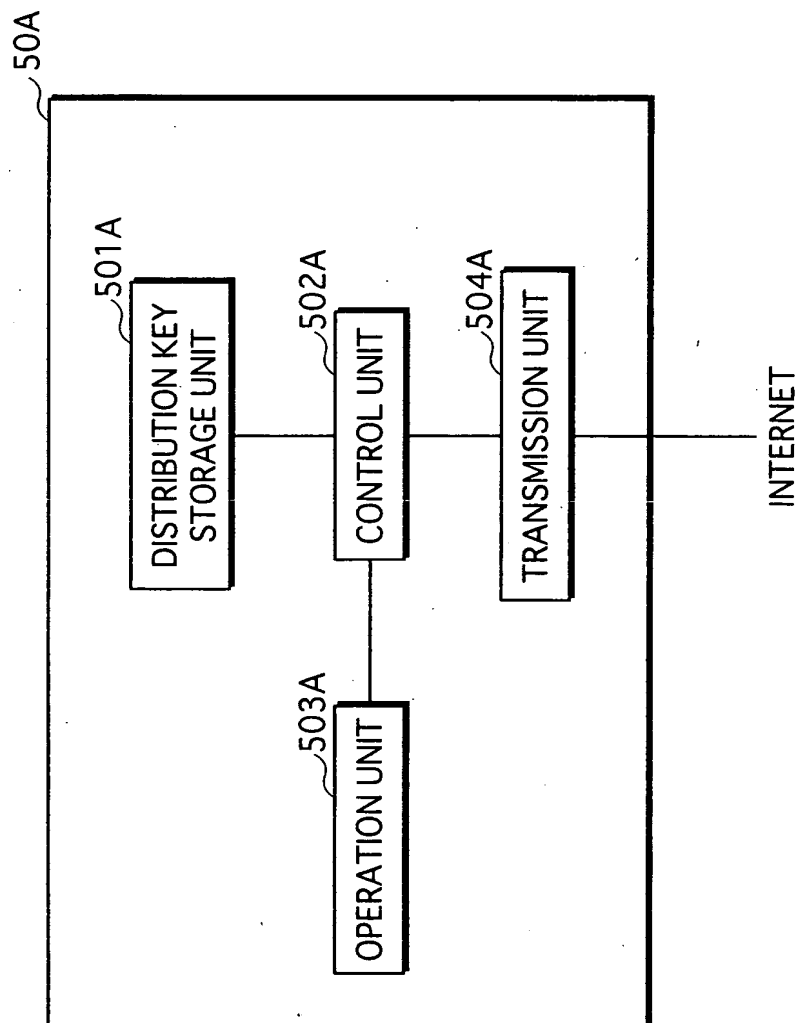


FIG.9

↙ T200

VISITOR ID	IDENTITY AUTHENTICATION KEY
VID 1	SK 1
VID 2	SK 2
• • •	• • •

FIG.10

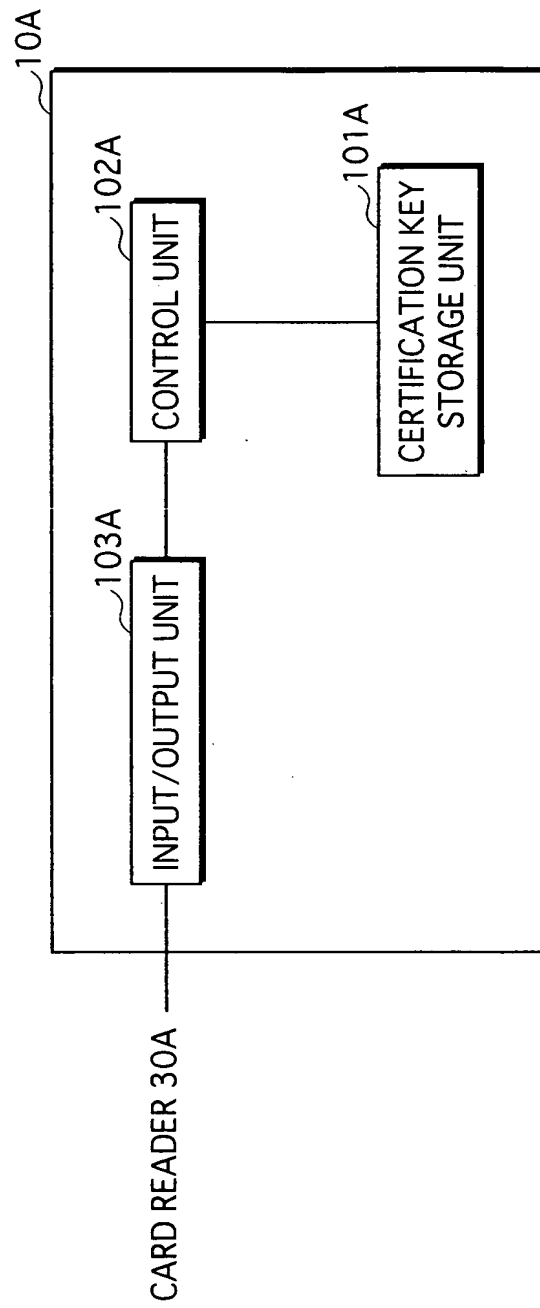


FIG. 11

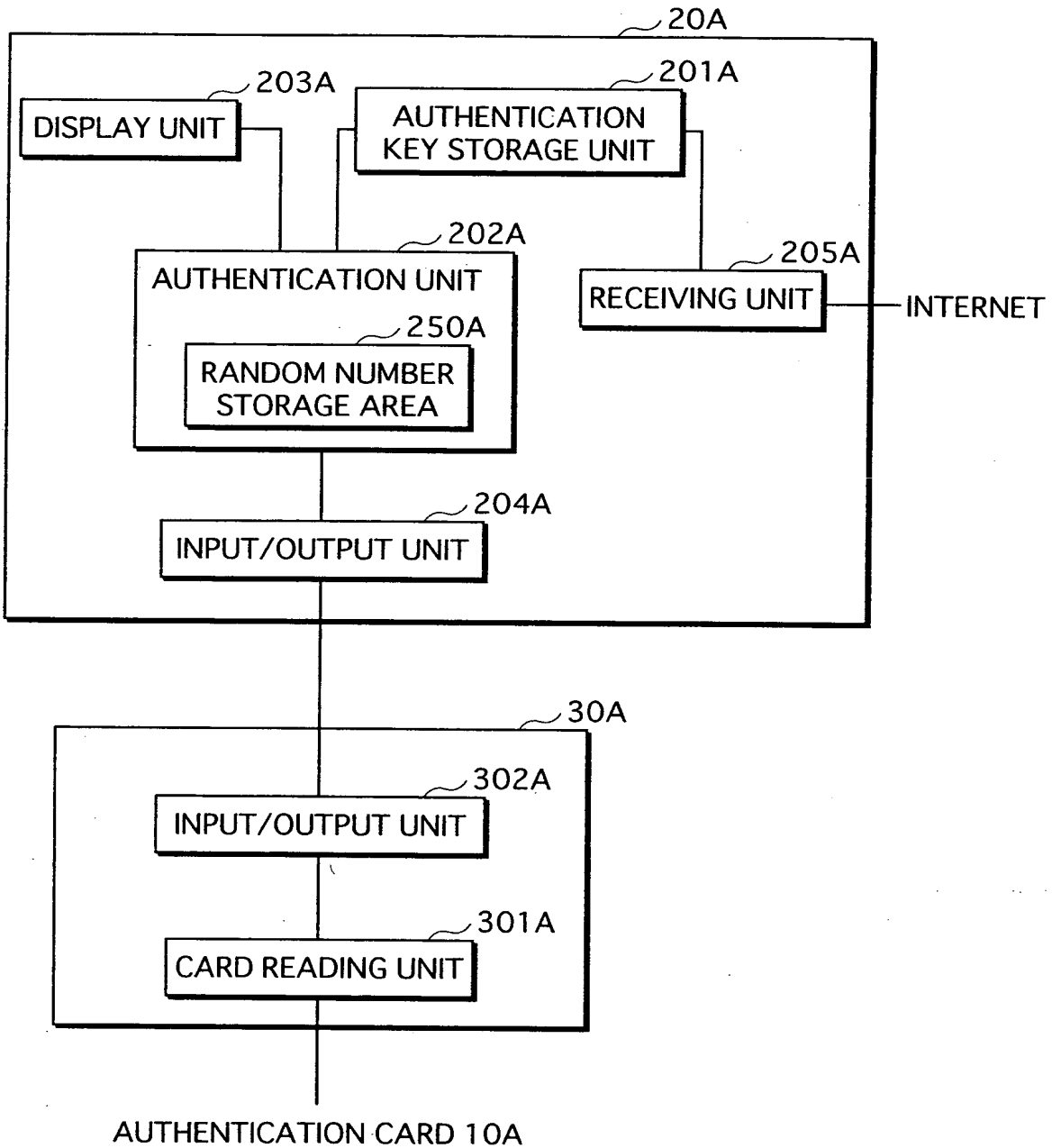


FIG.12

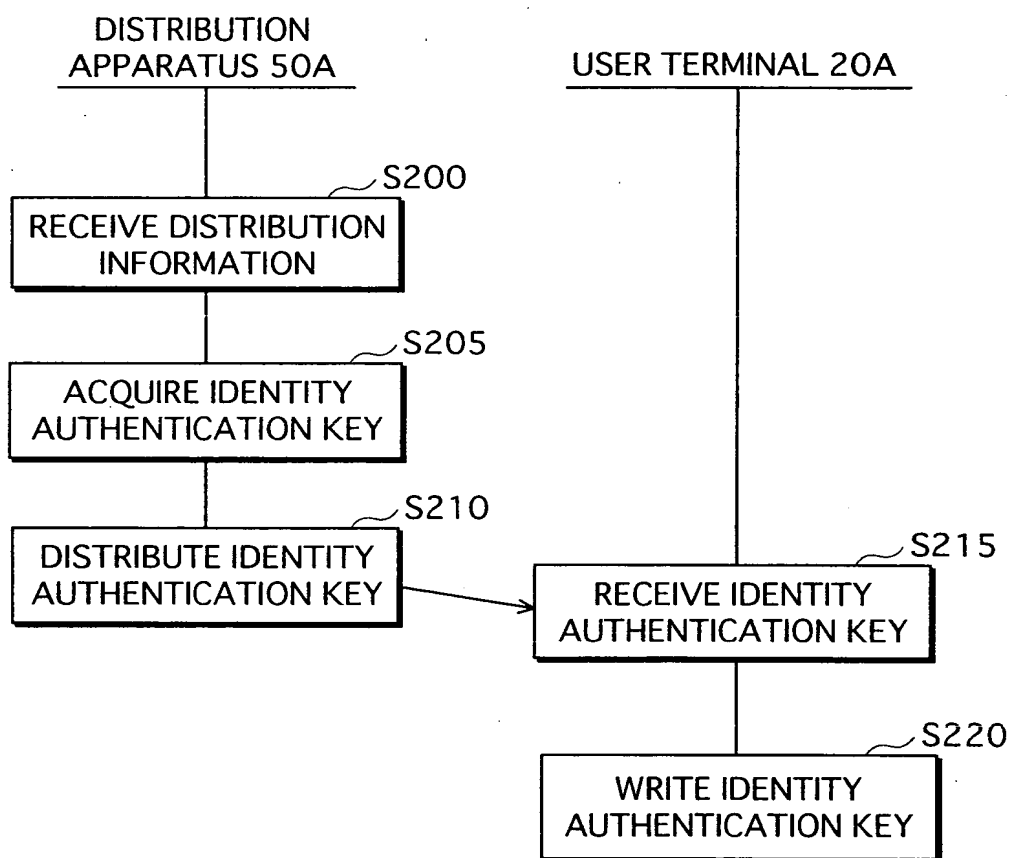


FIG.13

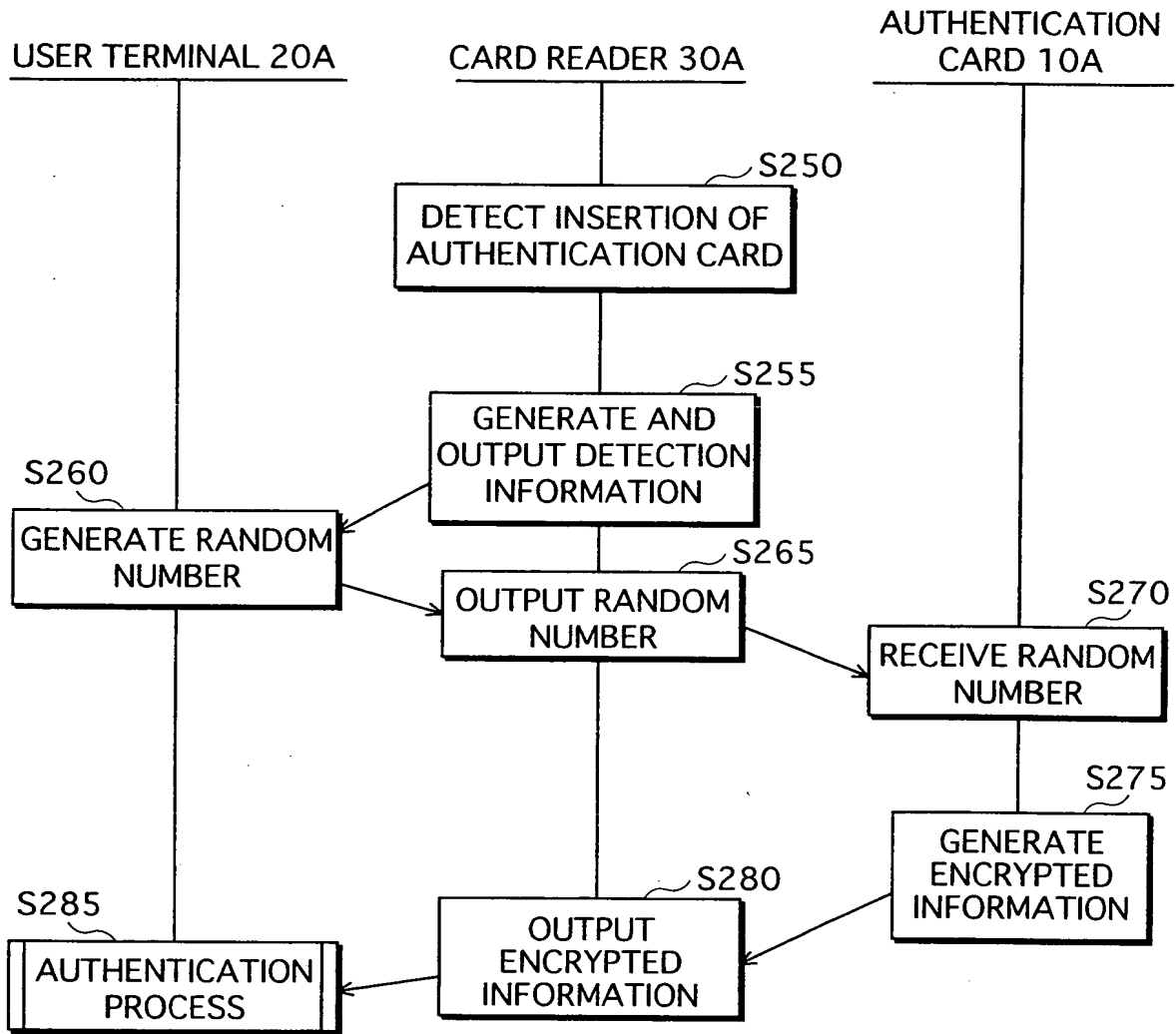


FIG.14

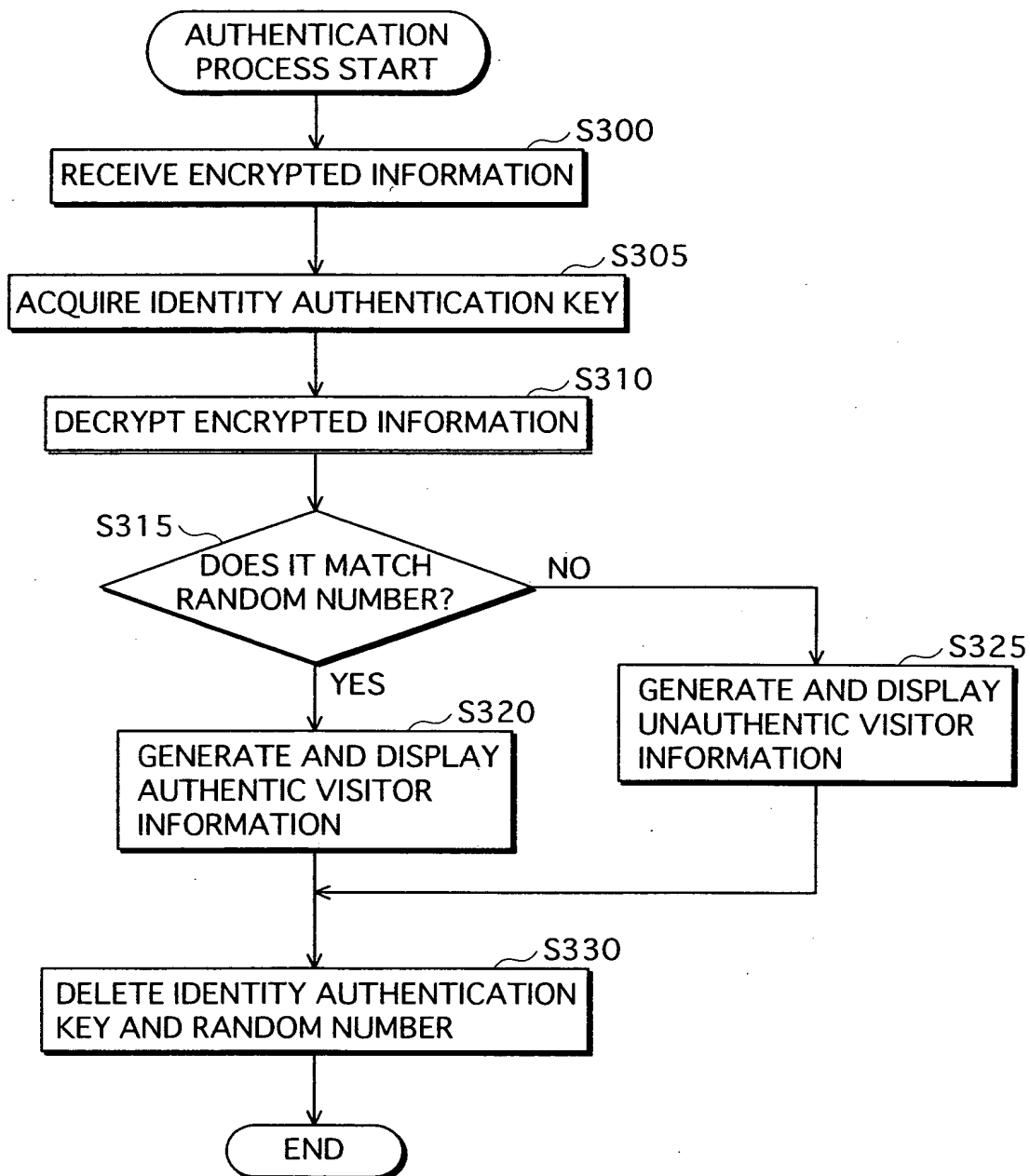


FIG.15

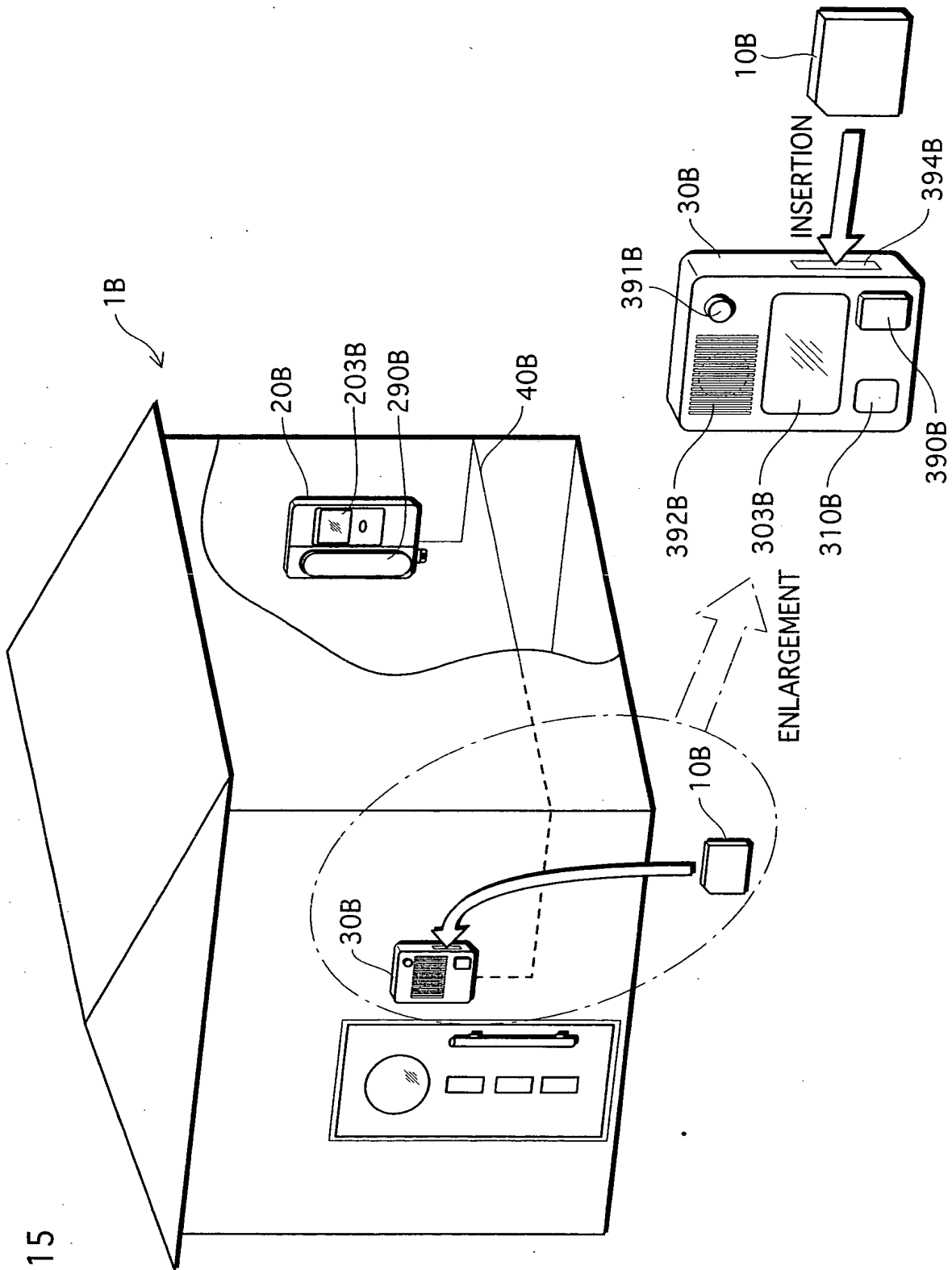


FIG.16

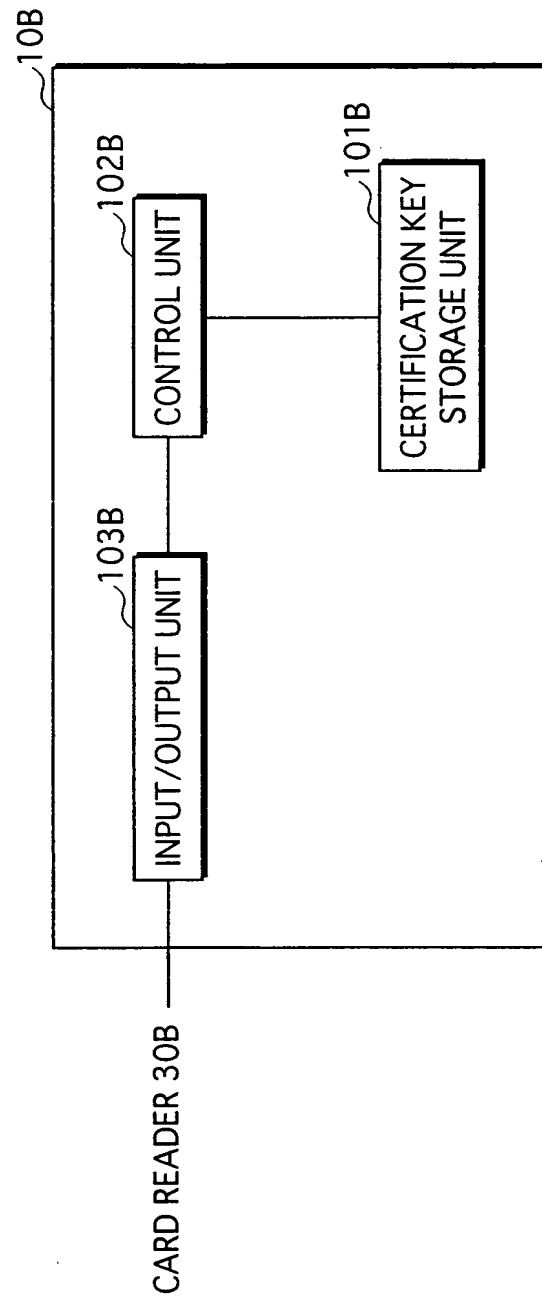


FIG.17

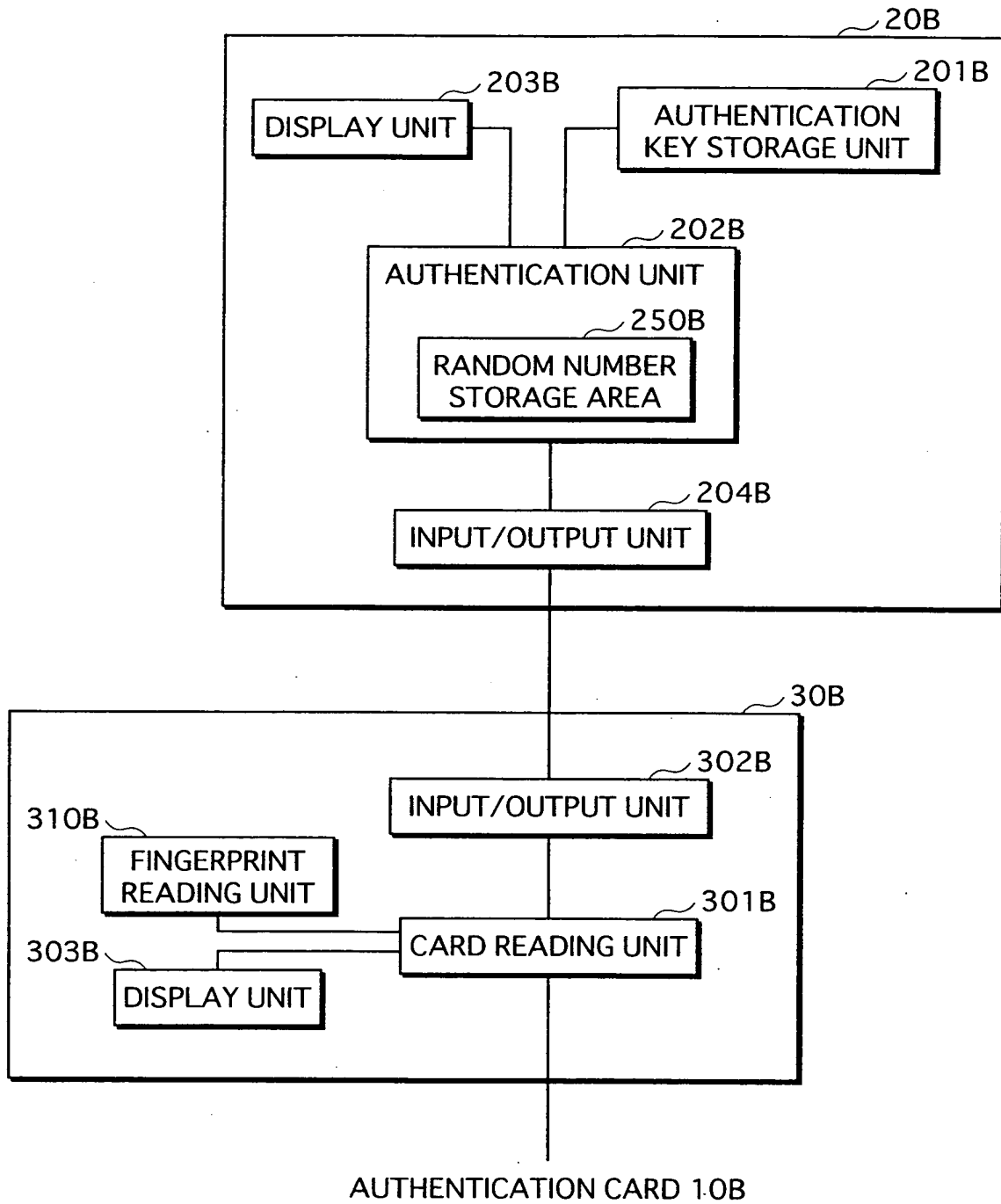


FIG.18

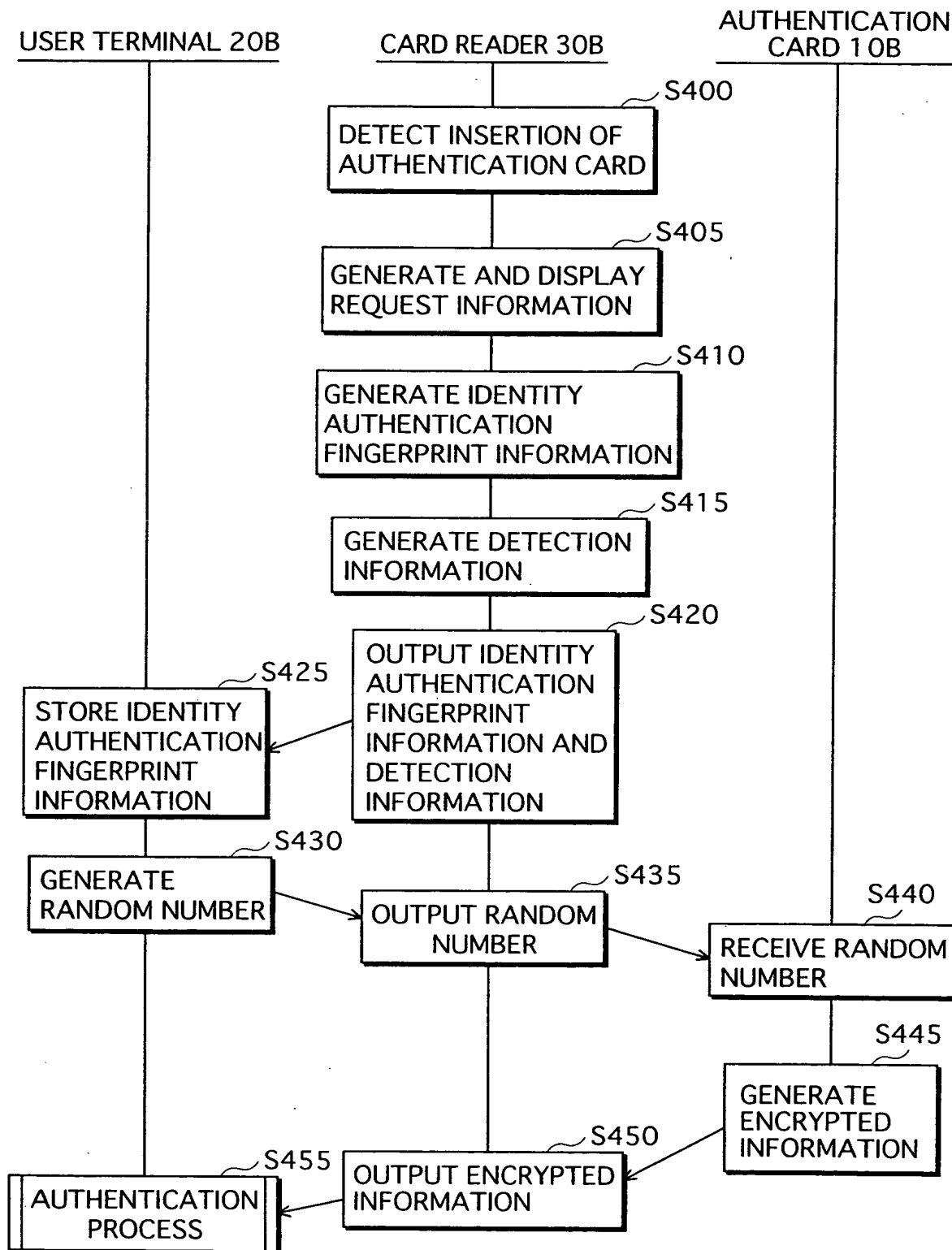


FIG.19

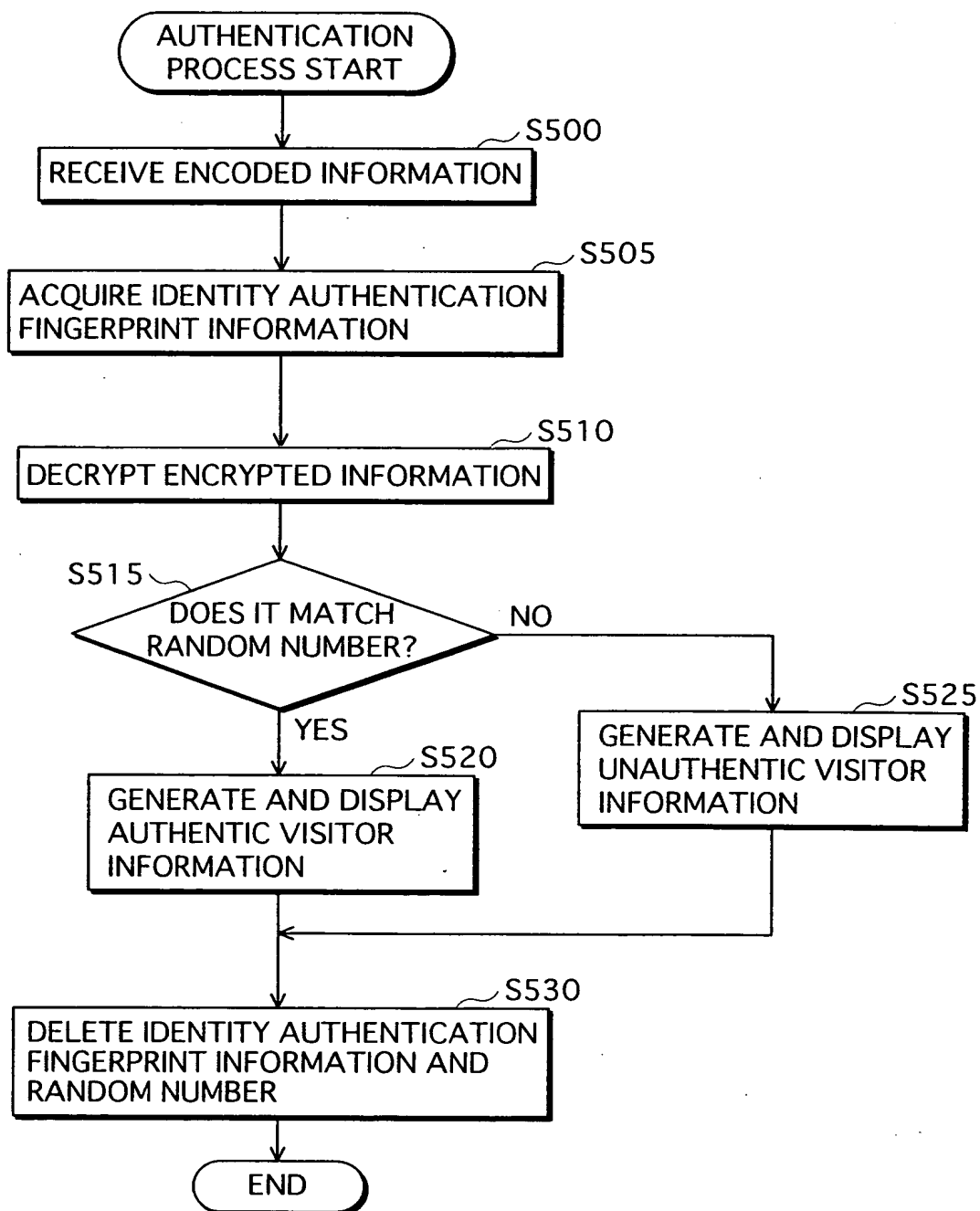


FIG.20

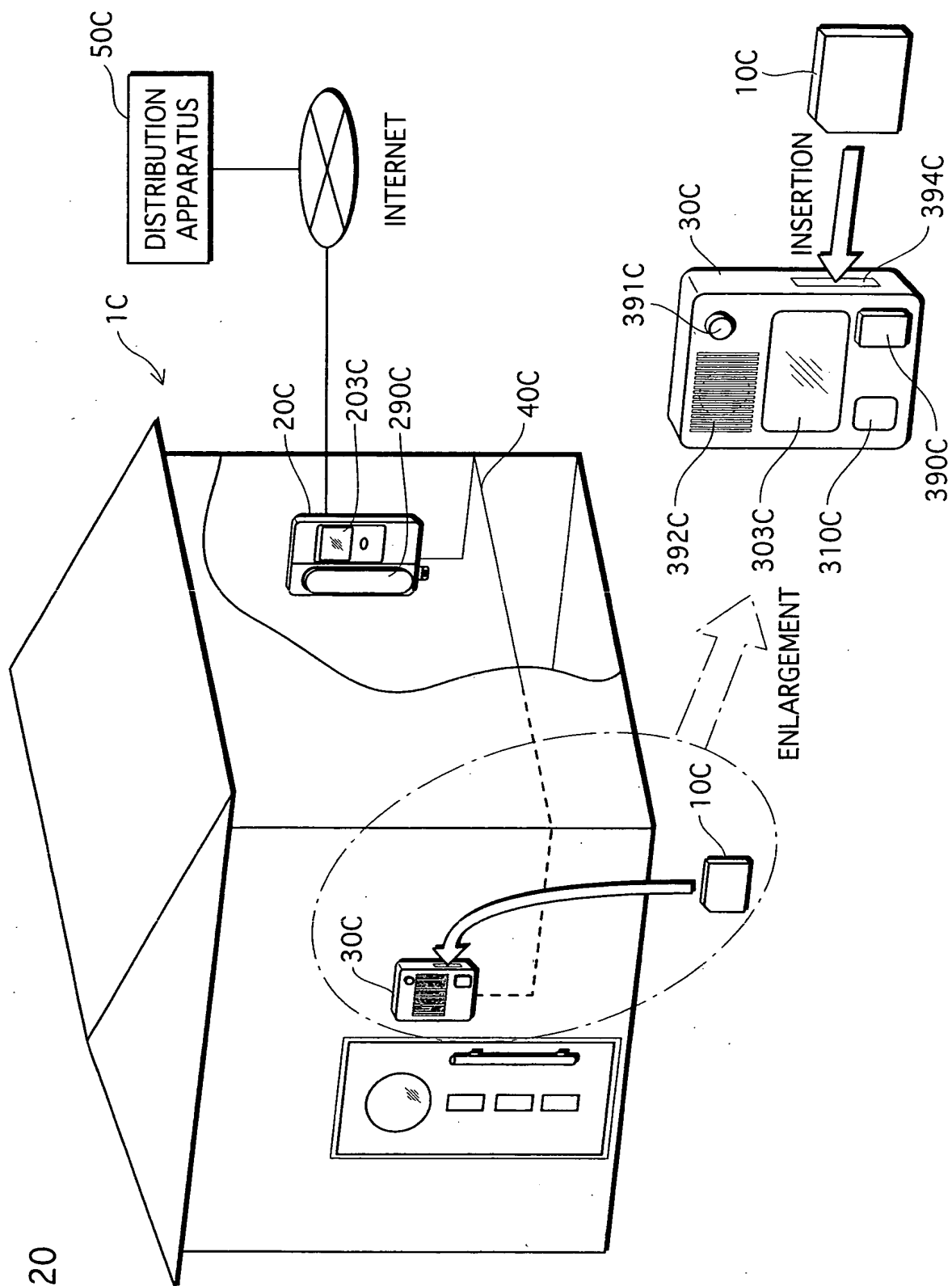


FIG.21

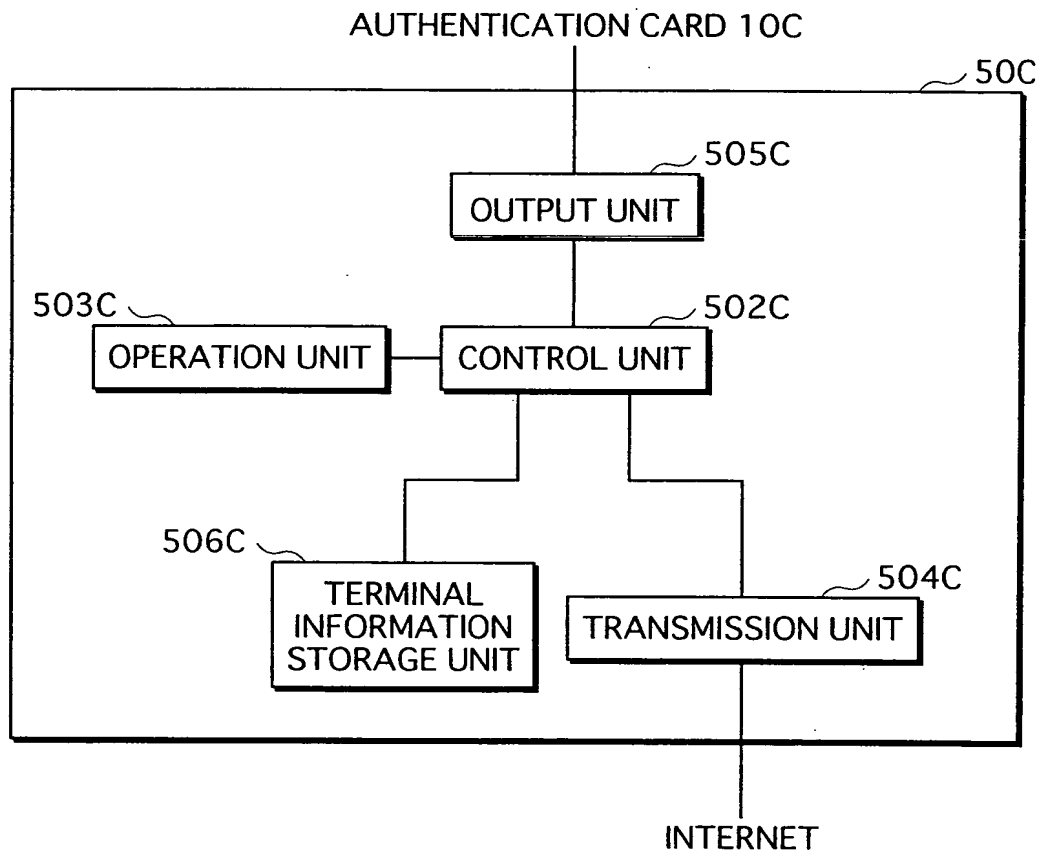


FIG.22

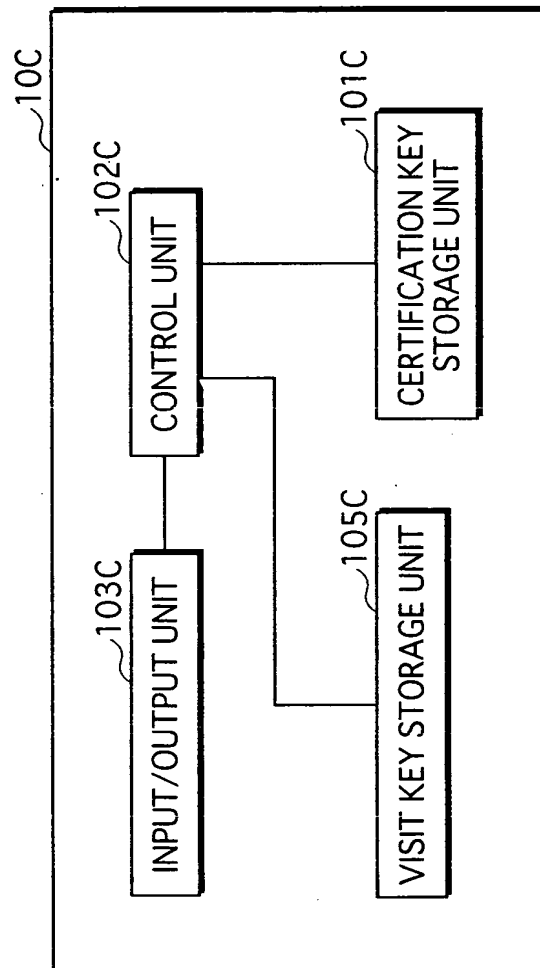


FIG.23A

T300
↙

TERMINAL ID	VISIT TIME PERIOD	BUSINESS OF VISIT
T-ID 1	13:00~15:00	DELIVERY OF ARTICLE A
T-ID 2	13:00~15:00	DELIVERY OF ARTICLE B
⋮	⋮	⋮

FIG.23B

T310
↙

TERMINAL ID	VISIT KEY
T-ID 1	V-key1
T-ID 2	V-key2
⋮	⋮

FIG.24

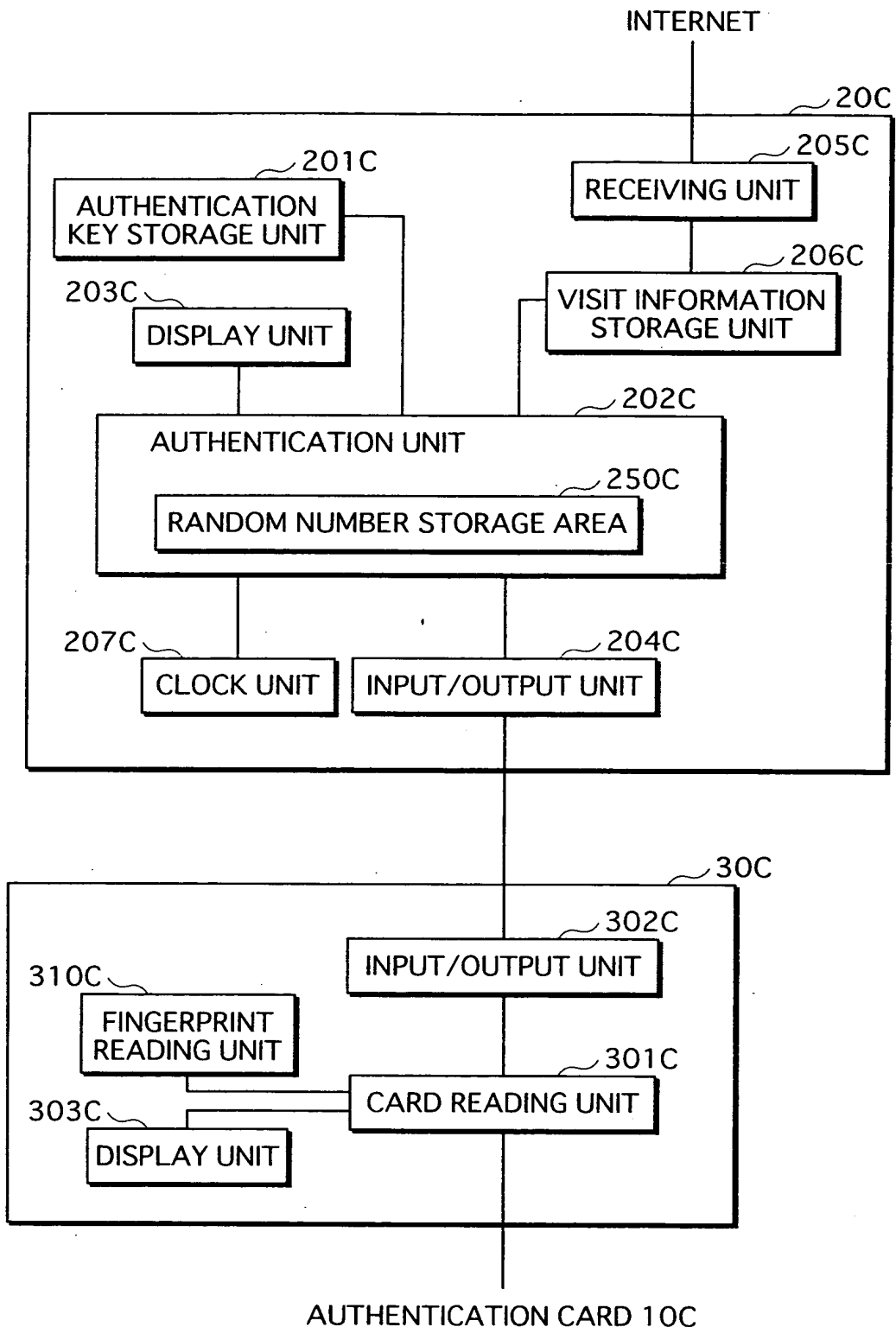


FIG.25

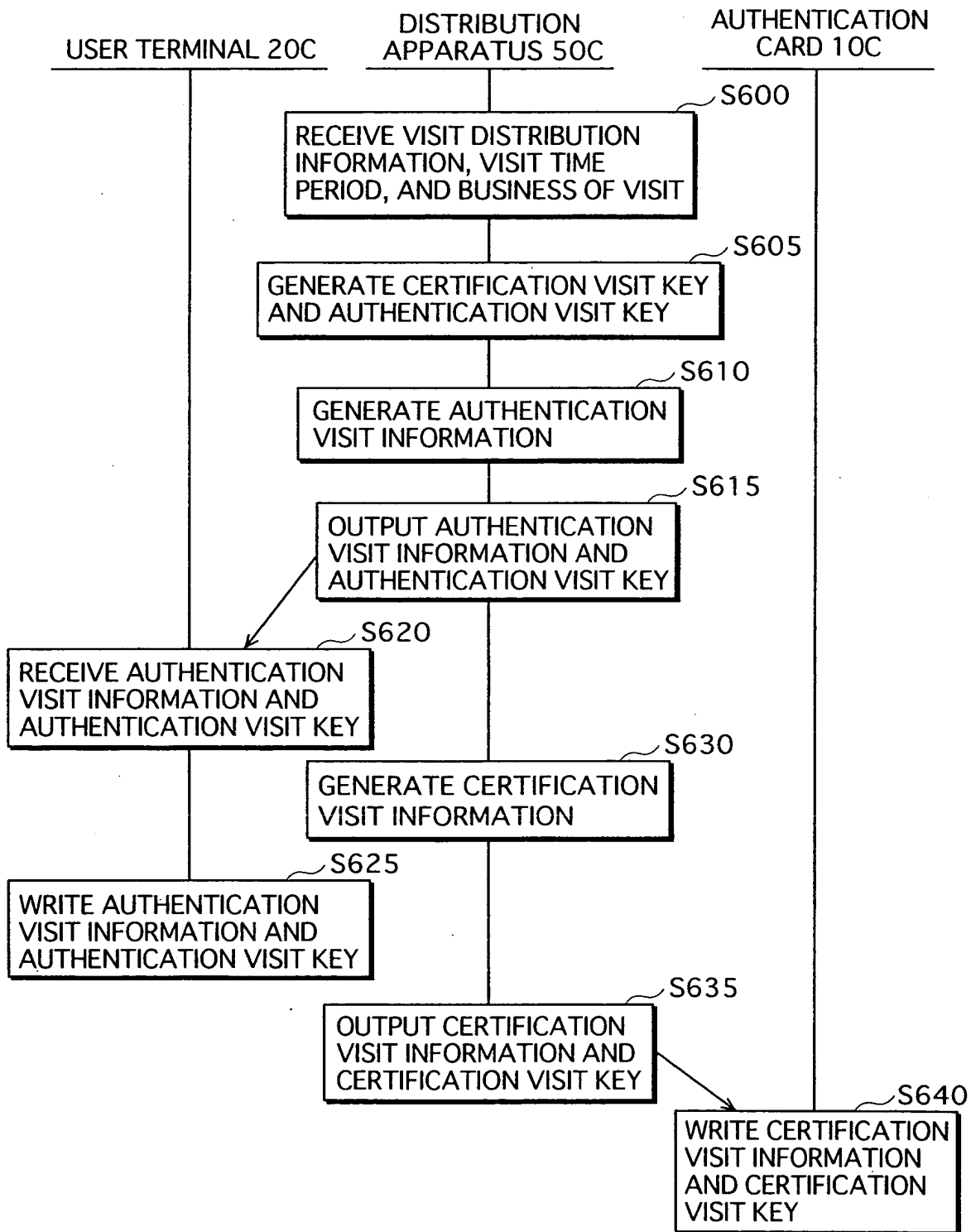


FIG.26

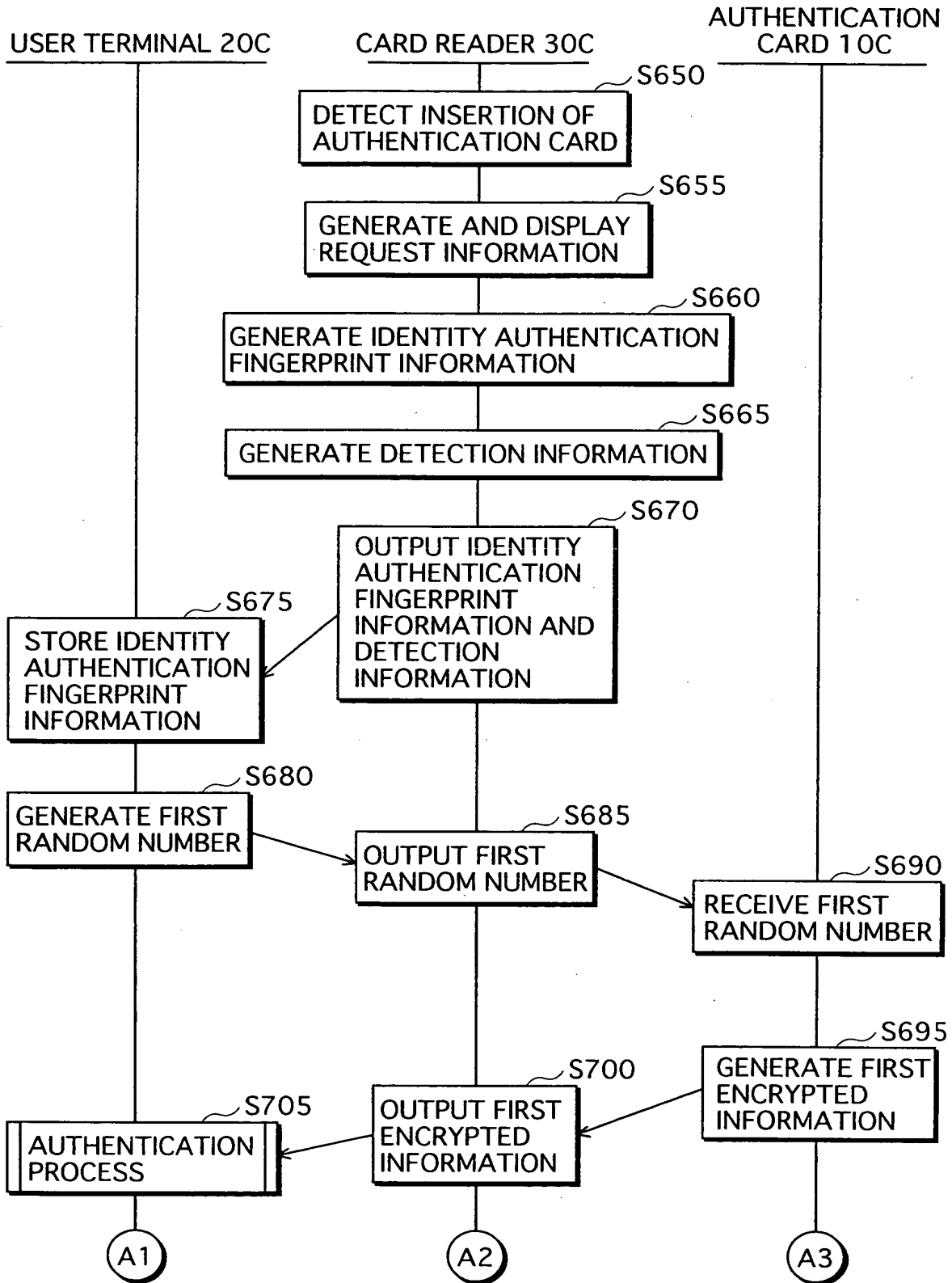


FIG.27

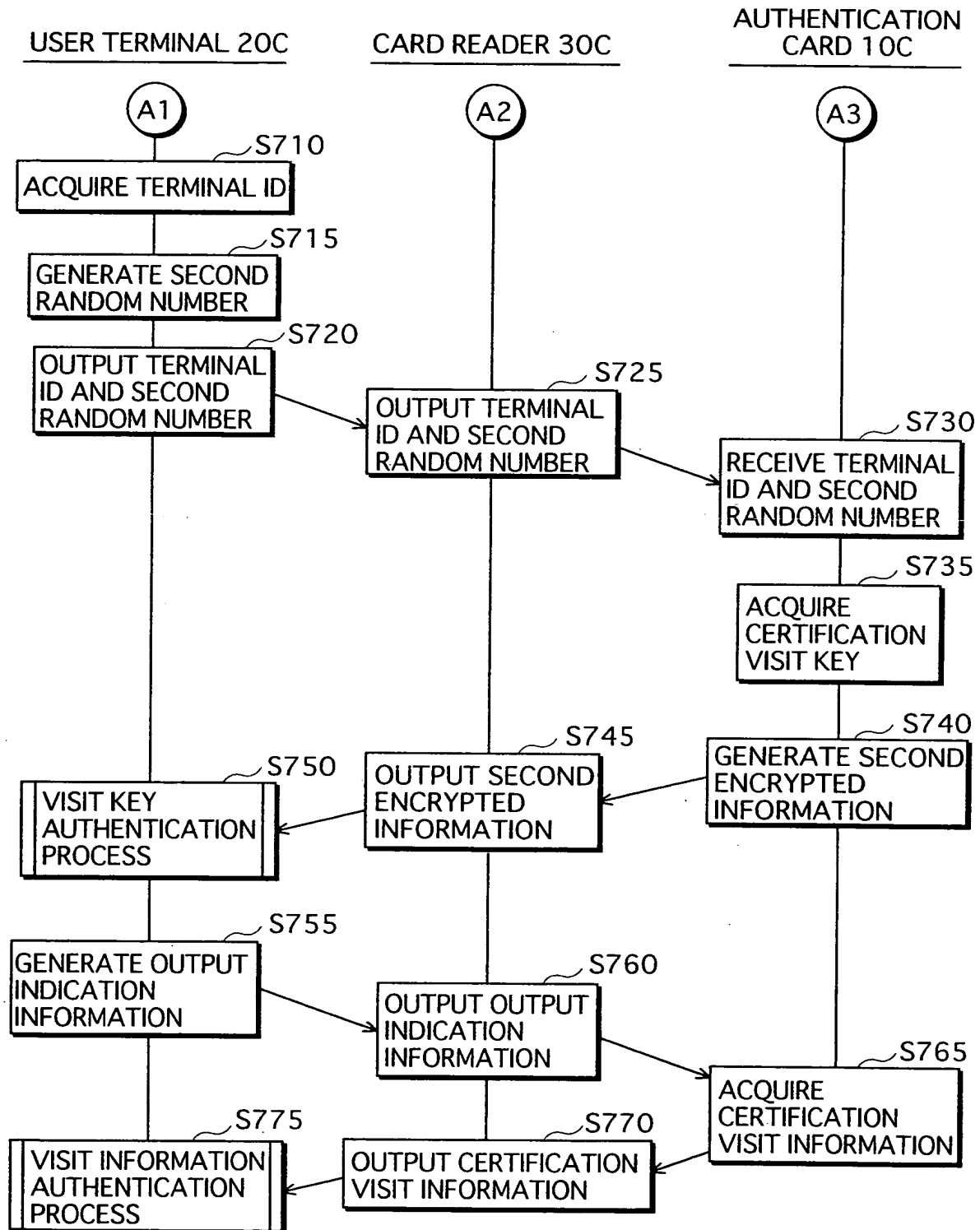


FIG.28

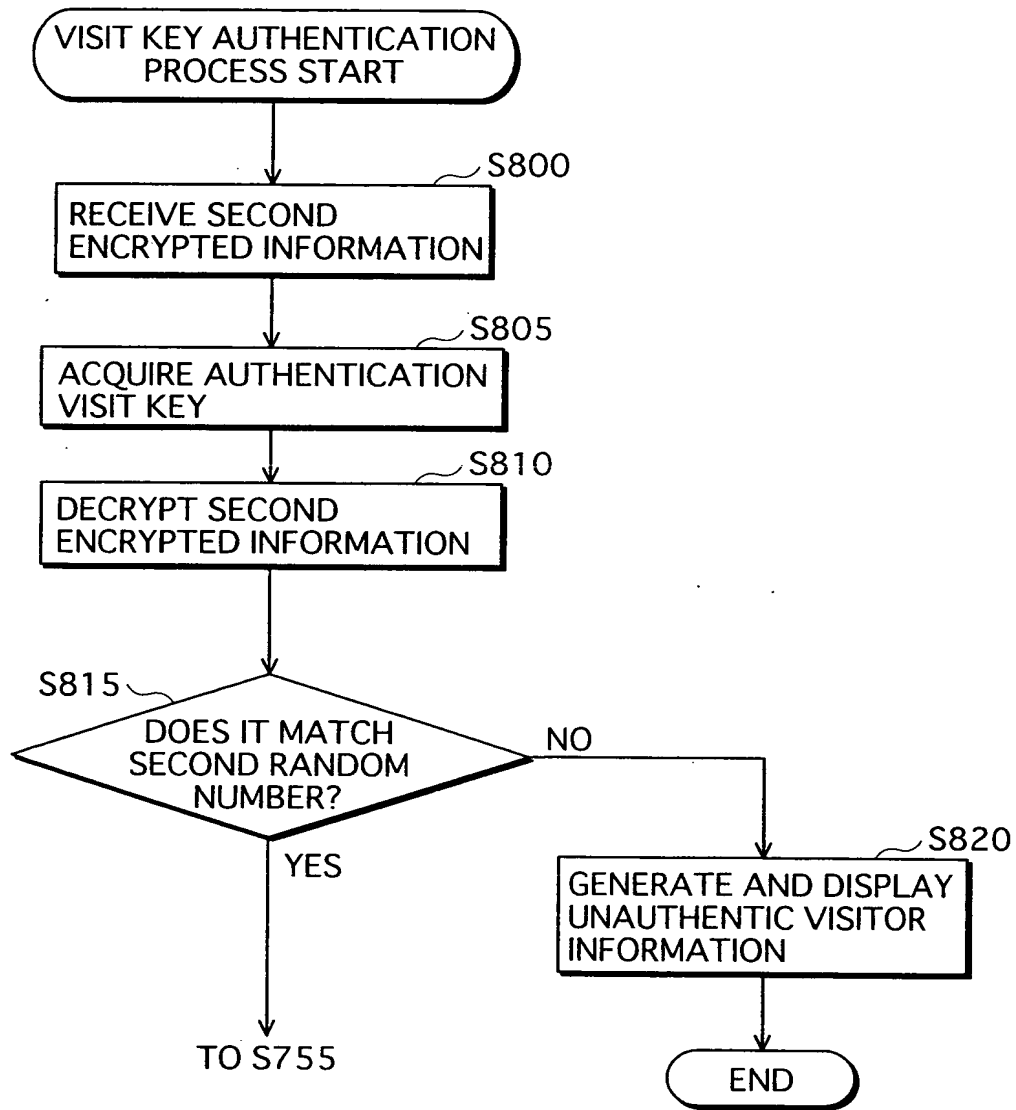


FIG.29

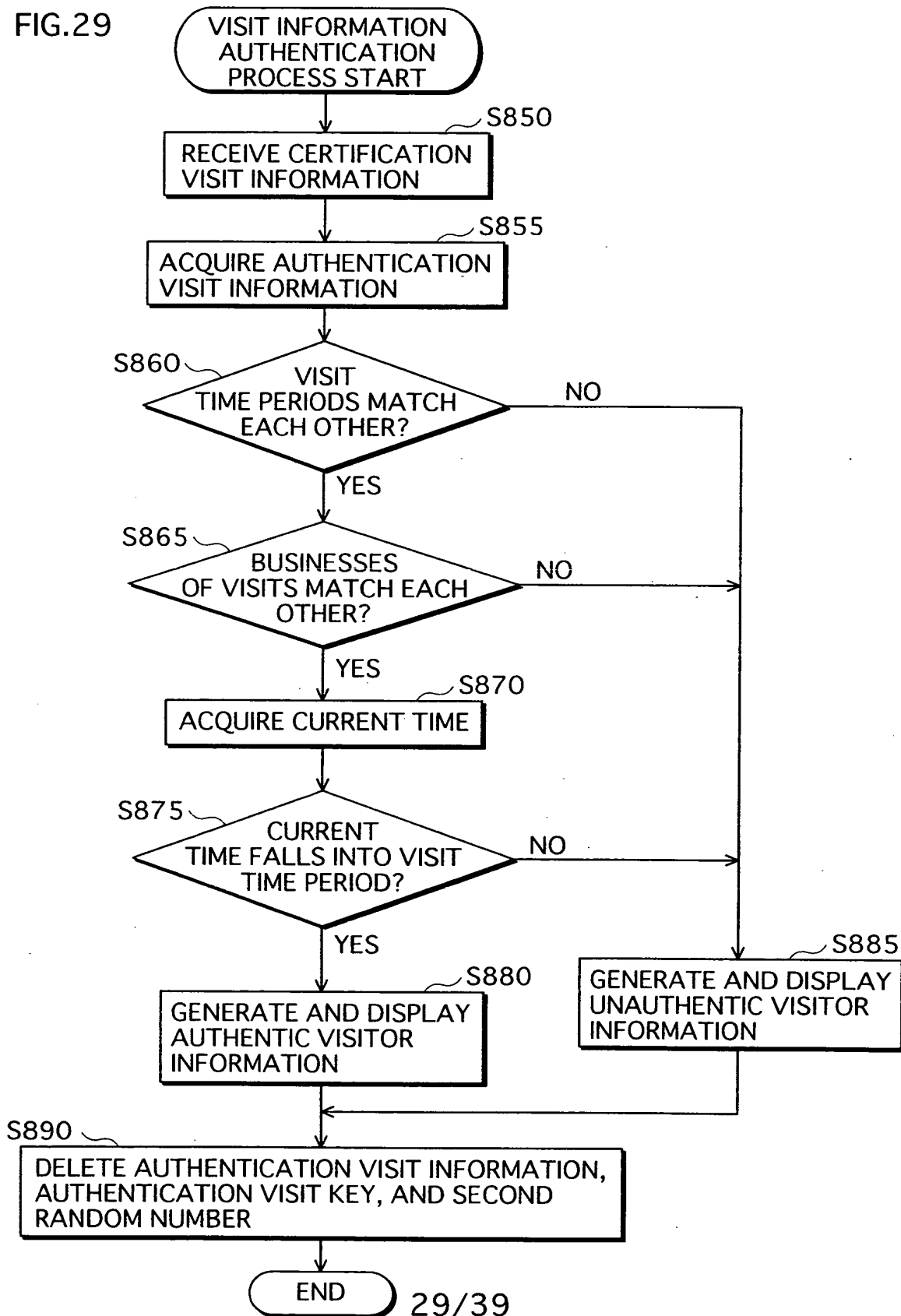


FIG.30

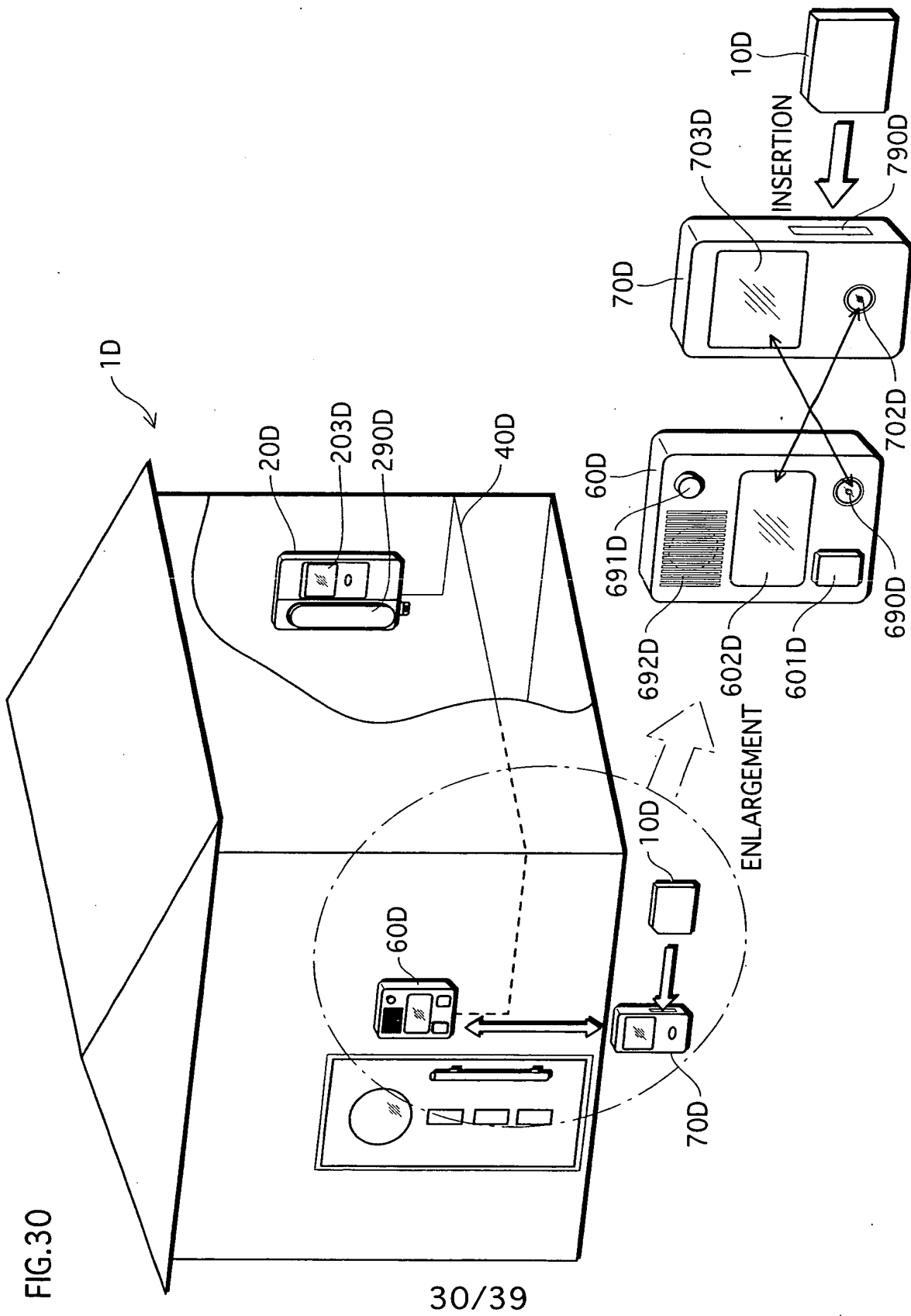


FIG.31

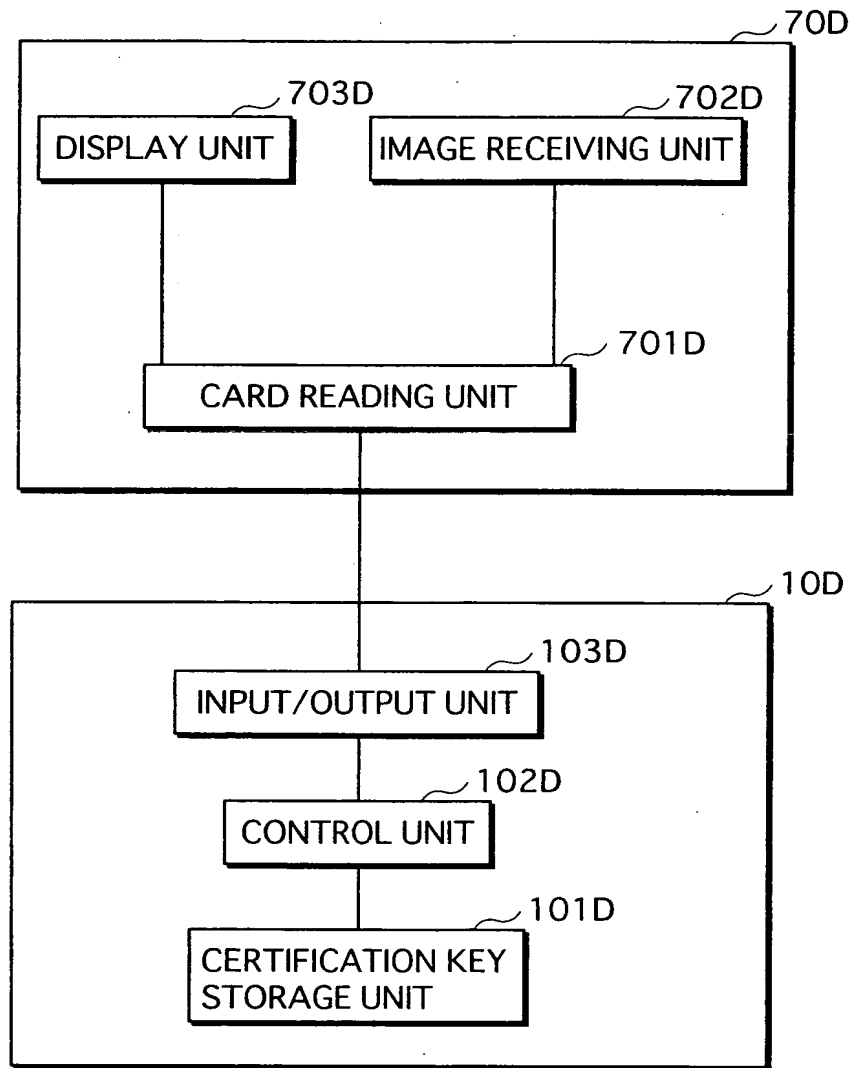


FIG.32

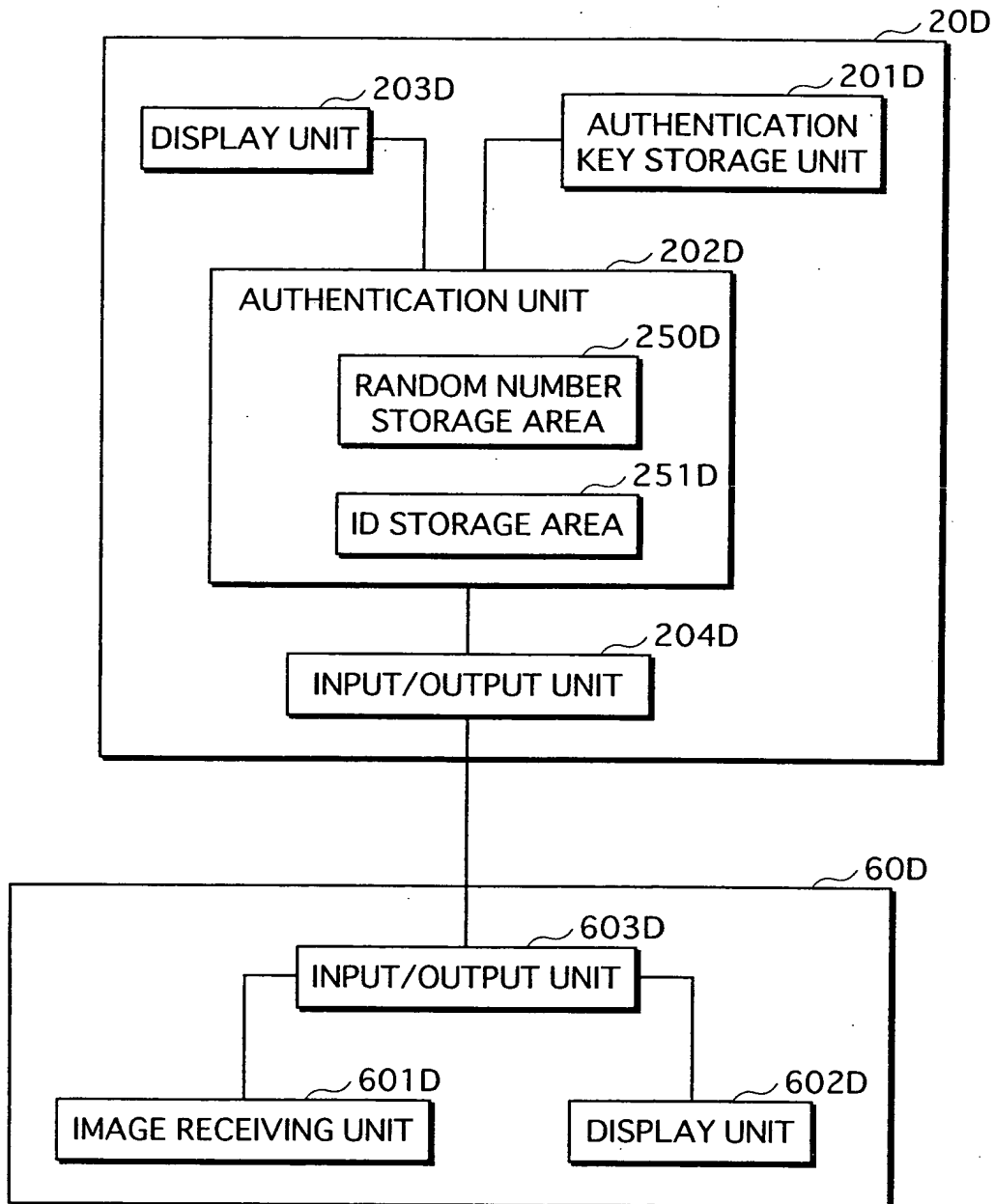


FIG.33

T500
↙

AUTHENTICATION KEY ID	IDENTITY AUTHENTICATION KEY	ONE-WAY FUNCTION
ID 1	SK 1	f_1
ID 2	SK 2	f_2
ID 3	SK 3	f_3
⋮	⋮	⋮

FIG.34

T600

AUTHENTICATION FUNCTION ID	ONE-WAY FUNCTION
ID_1	f_1
ID_2	f_2
ID_3	f_3
⋮	⋮

FIG.35

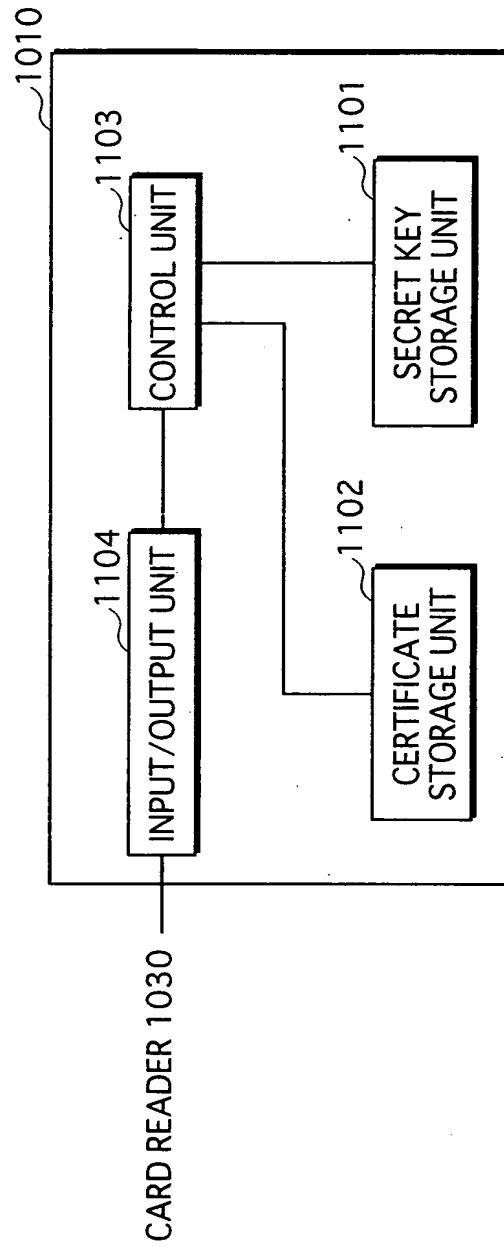


FIG.36

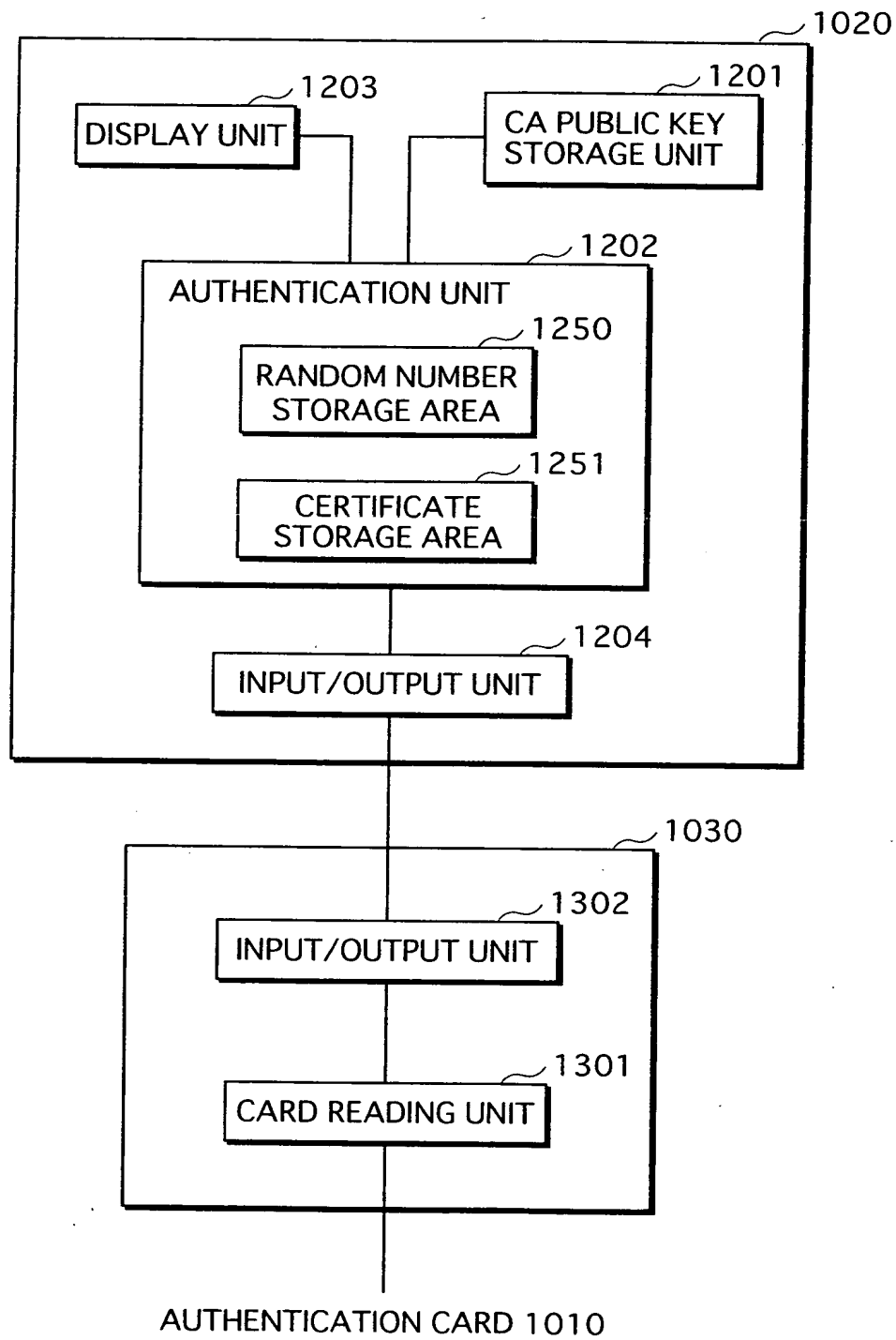


FIG.37

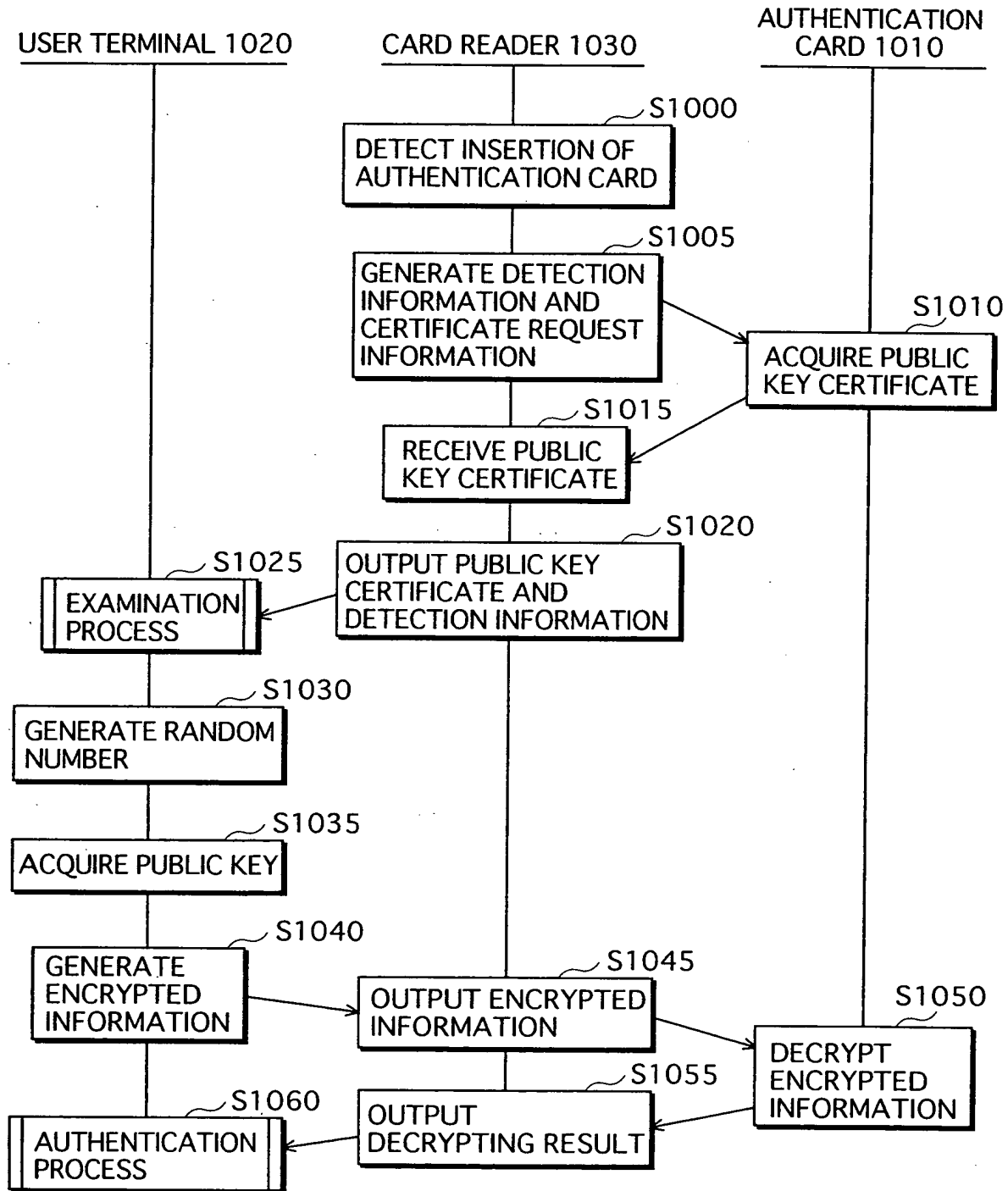


FIG.38

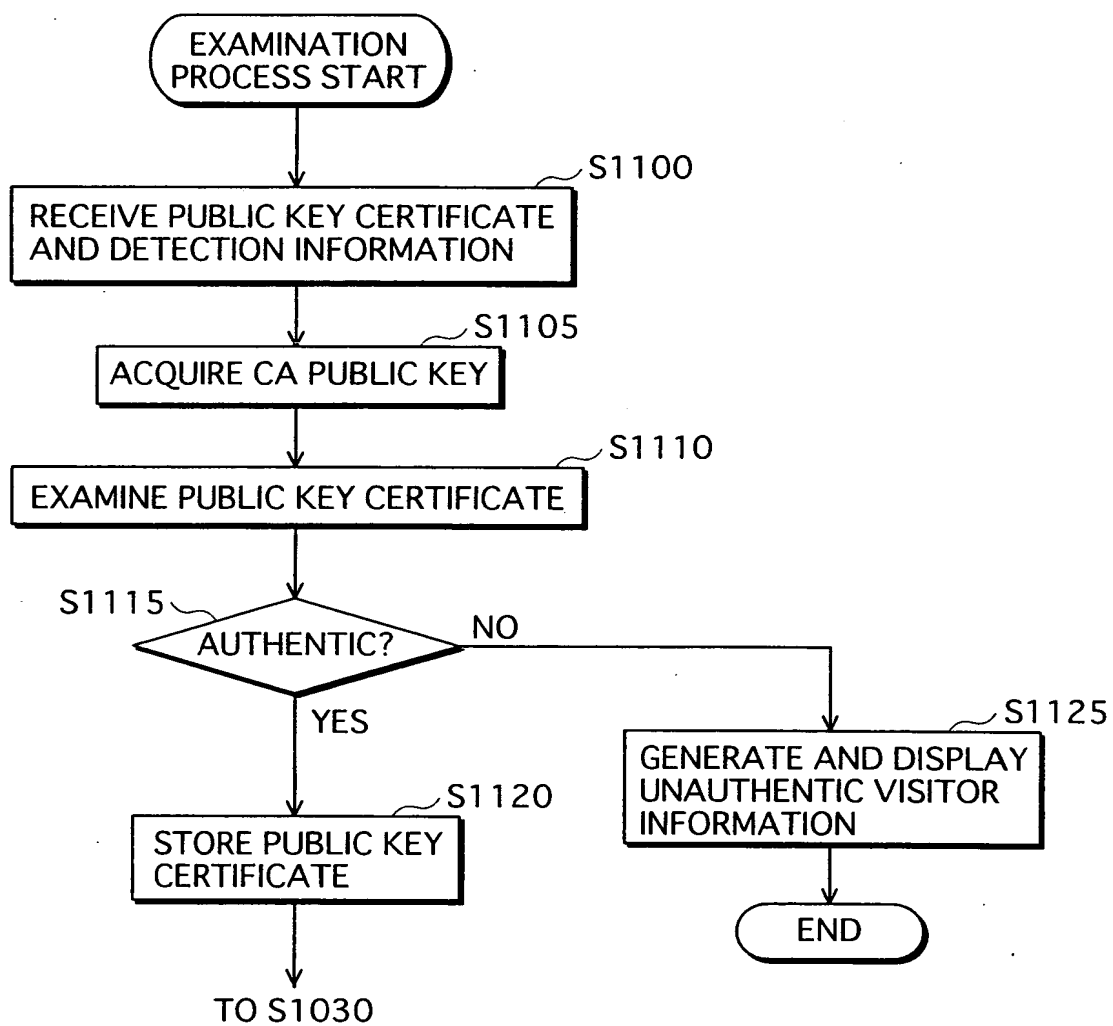


FIG.39

